desire to establish the "Rani Madhumati Devya Sanskrit Scholarship" on the conditions therein mentioned, and offers to make over to Government securities for Rs. 3,700 for the maintenance of the scholarship. I recommend that the Raja's liberal offer may be accepted, and notified in the *Calcutta Gazette*. The Accountant-General has been asked to state what officer should, in his opinion, be made the administrator of the fund, and whether he or the Accountant-General of the North-Western Provinces should be the custodian of the securities. The scholarship will be awarded under my orders by the Principal of the Calcutta Sanskrit College, and the stipend will be paid by the Principal of the Sanskrit College, Benares, where the scholarship will be tenable.

No. 306, dated Naldanga, the 18th August 1881.

From—RAJA PROMOTHO CHARAN DEV ROY,
To—E. J. BARTON, ESQ., Collector of Jessore.

No. 303T, dated 23rd July 1881, from the Director of Public Instruction, North-Western Provinces.
No. 6091, dated 28th July 1881, from the Director of Public Instruction, Calcutta.

WITH reference to your memoranda No. 726G and No. 776G, dated 29th July and 4th August 1881, respectively, forwarding copies of correspondences noted on the margin, I have the honor to state that I shall make over 4 per cent. Government promissory notes for Rs. 3,700 as soon as it may be convenient to do so.

2. I accept the suggestion of the Director of Public Instruction, North-Western Provinces, with thanks, with regard to study at the Benares Sanskrit College. The conditions upon which I wish to found the scholarship are as follow:—

(*a*) That, pursuant to the Resolution of the Government of Bengal, dated 22nd August 1878, on the encouragement of the Tole system of Sanskrit education, any candidate who, having successfully passed the Sanskrit Examination annually held in Calcutta in any branch or branches of Sanskrit Philosophy (Darsana Sastra), is desirous of prosecuting studies in any of the six schools of Sanskrit Philosophy at the Benares Sanskrit College, will be eligible to hold a scholarship of Rs. 4 a month for three years.

(*b*) None, who is not a Bengali by nationality, and Hindu by faith (irrespective of caste), will be entitled to hold the scholarship.

(*c*) The scholarship will be called "Rani Madhu Mati Devya Scholarship" after the name of my mother.

(*d*) It will be paid from the interest of 4 per cent. Government securities for Rs. 3,700 endorsed over by me to the Accountant-General and the Director of Public Instruction, Calcutta.

(*e*) Should the Sanskrit examination alluded to in clause (*a*) be abolished by Government at any time, Government will not be entitled to convert the fund to any purpose alien to the conditions of the gift now made. Under such circumstances the Government will have to consult the donor, his heirs, or representatives, as to the best way of disposing of the fund.

(*f*) The name of the candidate obtaining the scholarship should be annually published in the *Calcutta Gazette*.

In conclusion, I have to request that this letter, and the letter of the Government accepting the endorsement, may be published in the *Calcutta Gazette*.

No. 869G, dated Jessore, the 23rd August 1881.

Memo. by E. J. BARTON, ESQ., Collector of Jessore.

COPY forwarded to the Director of Public Instruction, Calcutta, with reference to his No. 609, dated the 28th ultimo, for information.

2. The promissory notes when received will be forwarded to Calcutta.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal, as reported to Government during the week ending the 17th September 1881.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
	BENGAL. *Western Districts.*		
BURDWAN DIVN. 1	Burdwan, Sept. 17 '81	2·23	Weather—showery in some parts. Little or no rain in Culna and Cutwa. Prospects of crops generally good. Fever of an ordinary kind reported from most stations.
	Culna ...	Nil	
	Cutwa ...	0·24	
	Raneegunge ...	1·26	
2	Bankoora, „ 17 „	1·46	Weather—warm with occasional showers. *Biri* and *arhar* pulses, sugarcane, and *haimanti* paddy everywhere growing luxuriantly, and promise a good outturn. Hemp reaped, and fibre being thrashed and washed. *Aus* paddy reaped in thanas Sonamukhi and Raipore and outpost of Simlapal, and yielded a 12-anna outturn. *Kherua* cotton growing in thanas Khatra and Raipore and outposts Simlapal and Taldangra. General health good.
	Bishenpore ...	0·61	
	Maliara ...	2·67	
	Khatra ..	3·0	
3	Beerbhoom, „ 17 „	0·73	Favourable reports of prospects of crops from all parts of district. Prices of food-grains moderate. Fever present in many places.
4	Midnapore, „ 17 „	2·05	Weather—sultry, with seasonable showers at end of week. Prospects of rice crop good, except in some of the low lands and in flooded tracts. Prices low. Fever still prevalent.
	Ghattal ...	1·85	
	Contai ...	1·04	
	Tumlook ...	1·00	
5	Hooghly, „ 17 „	0·97	Weather—cool and seasonable. *Aus* rice generally harvested, with good result. *Amun* rice and sugarcane promise well. Fever very bad in Jehanabad sub-division.
	Howrah, „ 19 „	2·55	Some heavy showers. Excessive rain damaging crops in some parts.
	Moheshrekha ...	2·61	
	Central Districts.		
PRESIDENCY DIVN. 6	24-Pergunnahs, Sept. 19 '81	3·30	Weather—seasonable. Prospects of late rice very favourable. Reaping of early rice continues, and an average outturn expected in most places. Health normal.
7	Nuddea, „ 17 „	2·58	Weather—sultry and cloudy, with intervals of hot sunshine. Early rice harvested in some parts of district. State of *amun* fair. Fever in all sub-divisions, but least prevalent in Ranaghat and Kushtea.
	Kooshtea ...	1·47	
	Meherpore ...	0·35	
	Chooadanga ...	0·80	
	Ranaghat ...	1·36	
	Bongong ...	0·45	
8	Jessore, „ 17 „	1·42	Weather—close and wet. Prospects of crops good. General health fair.
	Jhenida ...	0·28	
	Magoora ...	0·78	
	Narail ...	1·38	
	Khoolna ..	0·72	
	Bagirhat ...	2·58	
9	Moorshedabad, „ 17 „	2·04	Weather—cloudy and rainy, with occasional sunshine. Prospects of crops continue to be favourable. *Amun* fields being weeded. Plants look promising. In some villages lying to the south-west part of Kandi sub-division want of rain said to have caused extensive tracts of land to be uncultivated. Fever prevails badly at Rangamati and adjoining villages, and also in thana Mirzapore in Jungipore sub-division.
RAJSHAHYE AND COOCH BEHAR DIVN. 10	Dinagepore Sept. 16 '81	0·8	Weather—cloudy with slight rain. Prospects of *amun* crop very fair. No change yet in prices of rice.
11	Rajshahye, „ 17 „	1·86	Some heavy rain at Sudder Station. Condition of crops good. *Ropa* paddy much improved by rain. Jute and *aus* being cut. Price of rice stationary. Fever abating.
		Nil	
12	Rungpore, „ 16 „	3·34	Weather—hot with a good deal of rain. Crops doing well, except some *amun* which has not been transplanted. Cholera breaking out again.
	Kurigram ..	1·72	
	Bagdogra ..	4·15	
	Gaibanda ..	Nil	
13	Bogra, „ 17 „	4·82	Weather—seasonable. Standing crops moderately good. Fever prevalent.
14	Pubna, „ 17 „	0·85	Weather—cloudy with occasional rain. Rivers falling, but towards Serajgunge they are full. State and prospect of crops favourable. Public health generally good, except a few cases of fever.
15	Darjeeling, „ 17 „	4·58	Weather—seasonable. Havesting of Indian-corn, potatoes, and *murwa* continues with good outturn. Prospects in the Terai favourable.
16	Julpigoree, „ 17 „	5·73	Very heavy rain during the three last days; reported to have done good. Transplanting of *haimanti* paddy has been so late that outturn of crop is uncertain. *Bhadoi* paddy short by about 4 annas. Jute and sugarcane good.
	Cooch Behar, „ 16 „	3·80	Weather—fair in first, but rainy in latter part of week. Prospects of late rice much improved. New jute coming to market and selling at Rs. 3 per maund. Tobacco cultivation retarded. Rice selling at Rs. 2-4 per maund. Public health good.
	Dinhatta ..	5·2	
	Mathabhanga ..	7·78	
	Mekligunge ..	4·3	
	Eastern Districts.		
DACCA DIVN. 17	Dacca, Sept. 17 '81	3·12	Much rain at end of week. Rivers high. Rain seasonable. Late rice promising. Jute still being cut.
	Moonshigunge (for week ending 14th Sept.).	0·70	
	Manickgunge (for week ending 14th Sept.).	0·96	
18	Furreedpore, „ 17 „	3·07	Weather—cloudy with occasional showers. Crops flourishing; recent rise in rivers has done much good. Public health good.
	Goalundo ...	1·78	
	Madaripore ...	0·10	
19	Backergunge, „ 15 „	3·78	Weather—fine with occasional heavy showers. *Amun* now nearly all transplanted, and doing well. Small-pox reported from one thana, and fever rather more prevalent than it was.
20	Mymensingh, „ 16 „	0·77	Weather—seasonable; very hot and oppressive occasionally. State and prospects of crops good.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.—(*continued.*)			
Eastern Districts.—(Continued.)			
CHITTAGONG DIVN.			
21	Chittagong, Sept. 20 '81	4·86	Weather—seasonable. Transplanting of *amun* almost over. Cattle-disease and small-pox again reported. Public health good
22	Noakholly „ 15 „	2·70	Less rain and heat greater. Reaping of *aus* and planting of *amun* rice still not finished. Prospects good.
23	Tipperah, „ 16 „	1·78	Weather—showery. State and prospects of crops good.
	Brahmunberiah ..	0·04	
	Chandpore ..	0·80	
24	Chittagong Hill Tracts, Sept. 13 „	1·17	Weather—sunny with occasional showers throughout week. Gathering of joom paddy still continues. Prospects of cotton fairly good.
	Hill Tipperah, „ 14 „	1·08	Weather—hot and cloudy. Transplanting of *amun* and gathering of *aus* still continue. Public health good.
BEHAR.			
PATNA DIVN.			
25	Patna, Sept. 17 '81	0·7	Weather—sultry. Cutting of *bhadoi* crops continues. Paddy, *rahar*, and *urid* growing well. Public health good.
	Barrh ...	0·94	
	Behar ...	0·64	
	Dinapore ...	0·68	
26	Gya, „ 17 „	0·89	Weather—hot. Harvesting of *bhadoi* nearly over. Prospects of paddy good. A few cases of cholera reported in thana Nawada only.
	Nowada ...	0·56	
	Jehanabad ..	1·10	
	Aurungabad ...	1·94	
27	Shahabad, „ 17 „	0·26	Weather—hot with bright sun and clouds. Prospects of rice continue favourable Harvesting of *bhadoi* crops being completed.
	Buxar ...	0·26	
	Sasseram ...	0·32	
	Bhabuah ...	Nil	
28	Durbhunga „ 17 „	0·90	Weather—showery. *Bhadoi* harvest good. Prospects of *aghani* rice fair. Prices stationary or falling. Health fair.
29	Mozufferpore, „ 17 „	2·22	Weather—very hot and cloudy. Reaping of *bhadoi* harvest well advanced. Prospects of paddy excellent in Hajeepore sub-division, fair in Mozufferpore and Seetamurhee sub-divisions. More rain much wanted in northern half of district.
	Hajeepore ..	0·16	
	Seetamurhee ...	Nil	
30	Sarun, „ 17 „	0·33	Weather—hot and close at early part of week, and rainy at latter end. Prospects of *bhadoi* good. Harvesting of *makai*, *murwa*, and *sama* nearly completed with fair outturn. Transplanting of paddy practically over. General health good.
	Sewan ...	0·30	
31	Chumparun, „ 17 „	2·46	Weather—cloudy during week. Rain now falling steadily will be most beneficial to rice, though it will slightly injure *bhadoi* now being harvested.
BHAGULPORE DIVN.			
32	Monghyr, Sept. 17 '81	0·66	Weather—showery the last two days; fine before. State and prospects of crops good. More rain wanted in parts for *aghani*.
	Begooserai ...	Nil	
	Jamui ...	0·57	
33	Bhagulpore, „ 16 „	0·91	Weather—sultry till end of week when rain fell. Autumn crops being cut; outturn generally fair; in south estimated at 14 annas. More rain wanted in north for winter rice.
34	Purneah, „ 17 „	1·56	Weather—first part of week hot; raining last three days. *Aghani* promising. *Bhadoi* reaped; 8 annas outturn expected. Fever prevalent.
	Arrareah ...	2·70	
35	Maldah, „ 17 „	2·15	Recent heavy rain has reduced great heat of early part of week. *Bhadoi* rice still being reaped in thanas Sibgunge, Gomostapore, Kharba, and Gajole. Late rice thriving. *Kalai* sowings begun in thanas Kaliachak, Sibgunge, and Ratna. Common rice sells from 25 to 30 seers per rupee. Public health fair.
36	Sonthal Perghs. „ 17 „	1·80	Weather—early part of week too dry for *aghani* paddy; good rain in places at end of week. Everything very promising.
	Deoghur ...	0·44	
	Godda ...	0·32	
	Rajmehal ...	Nil	
	Pakour ...	2·95	
ORISSA.			
ORISSA DIVN.			
37	Cuttack, Sept. 16 '81	5·59	Weather—seasonable. *Sarud* doing well and now being weeded. *Beali* being reaped. Transplanting, though late, in progress in low lands. Price of rice fallen from 16 to 28 seers per rupee. Public health good.
38	Pooree, „ 15 „	1·30	Weather—hot and cloudy. Weeding of *sarud* still going on. *Beali* paddy being harvested. Common rice sells at 27 to 34 Calcutta seers per rupee. Cattle-disease still reported.
	Khurda ...	1·70	
39	Balasore, „ 16 „	6·47	Weather—seasonable. Early paddy in most places ready for sickle, and harvesting of it in progress. Weeding and transplanting of *amun* being vigorously pushed on, except in parts of Chandballi, where rain wanted for transplanting purposes. On the whole, however, prospects continue favourable. Public health generally good. Cholera has made its appearance in some parts of district.
CHOTA NAGPORE.			
South-West Frontier Agency.			
40	Hazaribagh, Sept. 16 '81	0·75	Weather—seasonable. Harvesting of *gora* paddy and other *bhadoi* crops still going on. Rice doing well everywhere. Public health good.
41	Lohardugga, „ 17 „	1·07	Weather—No rain on 15th and 16th; clearer sky and sun warmer than in the week before. *Bhadoi* crops have suffered from severe rain; *makai* most of all. *Kharif* promises very well. Fever prevalent at Lohardugga.
42	Singbhoom „ 16 „	3·22	Weather—unsettled and very hot. Monsoon shows signs of breaking. All crops doing well. *Gora* paddy being reaped; outturn good. General health good, with exception of the amount of fever usual at this time of year.
43	Manbhoom, „ 17 „	1·32	A few good showers during week. Weather mostly dry and hot. Early rice being reaped. Prospects of later crops generally good at present.
	Govindpore ...	1·05	

Published for general information.

CALCUTTA, STATISTICAL DEPT.,
The 20th September 1881.

H. M. KISCH,
Offg. Secy. to the Govt. of Bengal.

RETAIL PRICES-CURRENT of Food-grains, Firewood, and Salt in the undermentioned

QUANTITIES PER RUPEE BY

Number	DISTRICTS.	Wheat. Present return.	Wheat. Next preceding return.	Wheat. Corresponding return of last year.	Barley. Present return.	Barley. Next preceding return.	Barley. Corresponding return of last year.	Rice, best sort. Present return.	Rice, best sort. Next preceding return.	Rice, best sort. Corresponding return of last year.	Rice, common. Present return.	Rice, common. Next preceding return.	Rice, common. Corresponding return of last year.	Bulrush Millet—Cumboo, Bajra. Present return.	Bulrush Millet—Cumboo, Bajra. Next preceding return.	Bulrush Millet—Cumboo, Bajra. Corresponding return of last year.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
	BENGAL.															
	Western Districts.															
1	Burdwan	A 13 8	12 8	15 8	30 0	30 0	25 0	28 8	23 8	18 0	31 14	27 0	20 0	...	...	...
2	Bankoora	B 14 8	14 8	15 0	16 0	17 0	17 0	25 0	25 0	18 12	36 0	35 0	27 0	...	...	...
3	Beerbhoom	C 15 8	12 0	17 0	...	...	...	21 0	21 0	18 0	37 0	30 0	22 0	...	...	...
4	Midnapore	D 13 8	14 8	11 0	...	...	...	20 0	20 0	15 0	27 0	27 0	20 0	...	...	...
5	Hooghly	E 14 0	14 0	16 0	...	...	...	10 0	10 0	8 0	21 0	21 0	18 0	...	...	...
	Howrah	15 0	15 4	16 0	...	...	...	16 0	16 8	13 0	20 0	21 0	20 0	...	...	...
	Central Districts.															
	Calcutta	15 4	13 11	14 12	32 0	32 0	22 0	8 0	8 0	6 0	16 0	16 0	13 5	...	...	...
6	24-Pergunnahs	F ...	...	...	...	...	...	10 0	10 0	8 0	19 0	19 0	16 0	...	...	...
7	Nuddea	G 16 0	16 0	16 0	35 8	32 0	30 8	16 0	16 0	15 4	20 0	18 13	17 10	...		...
8	Jessore	H 14 12	15 0	13 8	...	...	...	19 8	21 0	14 0	28 0	29 0	21 4	...	..	...
9	Moorshedabad	I 18 0	18 0	18 0	...	...	...	17 0	17 0	14 8	25 0	25 0	22 8	...	...	...
10	Dinagepore	J 13 12	15 4	17 0	20 0	22 8	26 0	15 0	19 4	17 0	25 0	27 8	26 6	...	...	...
11	Rajshahye	K 15 0 to 16 8	18 0	20 4	45 0	48 12	33 0	16 0 to 18 0	16 0 to 18 0	15 0 to 19 11	24 0	24 0 to 25 8	21 0 to 21 9	...	...	...
12	Rungpore	L 15 0	15 0	18 0	...	...	...	15 0	15 0	12 14	20 0	20 0	22 8		...	...
13	Bogra	22 8	24 0	19 14	...	...	...	21 0	20 4	22 8	30 0	30 0	30 0	...	...	...
14	Pubna	M 18 12	22 0	19 8	...	...	...	12 0	12 0	12 0	26 4	25 0	24 8	...	...	...
15	Darjeeling	N 8 0	8 0	8 0	8 0	8 0	10 0	5 8	5 0	5 0	14 0	13 0	10 0	...	...	...
16	Julpigoree	N1 10 0	10 0	10 0	...	...	...	12 4	13 5	16 0	18 0	21 0	20 0	...	...	...
	Eastern Districts.															
17	Dacca	O 13 5	14 4	14 8	35 8	40 0	35 0	20 0	20 0	22 8	26 8	32 0	26 0	...	...	...
18	Furreedpore	P 21 0	21 0	20 0	33 0	32 8	40 0	8 0	7 8	6 4	22 0	25 8	21 0	...	...	...
19	Backergunge	Q ...	...	...	...	...	...	21 0	21 0	16 0	28 8	28 8	20 0	...	...	...
20	Mymensingh	R 12 0	13 0	13 0	...	...	...	18 0	22 0	18 0	25 0	26 8	25 0	...	...	...

A In the interior prices range as follow:—Wheat 14½ to 16 seers, barley 40 seers, best rice 20 to 21 seers, common rice 22 to 32 seers, gram 24½ to 26 seers, firewood 100 to 120 seers, and salt 10 to 10 6/16 seers.

B In the interior prices range as follow:—Wheat 15 to 22 seers, barley 22 to 36 seers, best rice 19 to 32 seers, common rice 25 to 44 seers maize or Indian-corn 30 to 38 seers, gram 14 to 24 seers, firewood 200 to 560 seers, and salt 8¼ to 12 seers.

C In the interior prices range as follow:—Wheat 14 to 25 seers, best rice 17 to 30 seers, common rice 24 to 35 seers, gram 16 to 35 seers, firewood 80 to 200 seers, and salt 8¾ to 10½ seers.

D In the interior prices range as follow:—Wheat (in Ghatal) 15 seers, best rice 14 to 21 seers, common rice 24 to 30 seers, gram 12½ to 18 seers, firewood 104 to 260 seers. and salt 8 to 10¾ seers.

E In the interior prices range as follow:—Wheat 12 to 19 seers, barley 11 to 20 seers, best rice 10 to 20 seers, common rice 20 to 28 seers, gram 16 to 25 seers, firewood 2½ to 4 maunds, and salt 9 to 10½ seers.

F In the interior prices range as follow:—Wheat 14 to 17 1/16 seers, barley 26½ seers, best rice 9 to 9 6/16 seers, common rice 17 to 26½ seers, bulrush millet (in Kidderpore) 16 seers, great millet (in Kidderpore) 16 seers, lesser millets (in Kidderpore) 16 seers, maize or Indian-corn (in Kidderpore) 26½ seers, gram 22¾ seers, firewood 90 seers, and salt 9 to 9¾ seers.

G In the interior prices range as follow:—Wheat 14 to 23 seers, barley 26 to 40 seers, best rice 9 to 20 seers, common rice 22½ to 27 seers, maize or Indian-corn (in Kooshtea) 18 seers, gram 18 to 32 seers, firewood 80 to 200 seers, and salt 8 to 10 seers.

H In the interior prices range as follow:—Wheat 8 to 11 seers, best rice 9 to 24 seers, common rice 25 to 30 seers, gram 8 to 16 seers, firewood 2½ to 4 maunds, and salt 8 to 8½ seers.

Districts of Bengal for the Fortnight ending 15th September 1881.

THE SEER OF 80 TOLAHS.

Great Millet—Cholum, Jowar.			Lesser Millet—Ragi or Murwa and Cheena.			Maize or Indian-corn.			Gram.			Firewood.			Salt.			Districts.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	
																		BENGAL.
																		Western Districts.
...	...	...	...	...	..	...	...	...	23 0	25 0	20 0	100 0	100 0	80 0	10 0	10 0	10 0	Burdwan.
..	...	...	...	...	...	40 0	40 0	35 0	20 0	20 0	12 0	320 0	280 0	280 0	9 0	9 0	9 0	Bankoora.
...	...	...	...	...	...	40 0	...	...	22 0	23 8	18 0	180 0	160 0	160 0	9 0	9 0	8 8	Beerbhoom.
...	...	...	...	...	...	...	...	...	19 0	19 0	14 0	160 0	160 0	160 0	9 8	9 0	9 0	Midnapore.
...	...	...	...	...	..	...	...	...	22 0	22 0	18 0	100 0	100 0	120 0	9 0	9 0	9 0	Hooghly.
...	...	...	...	...	...	...	...	...	22 8	22 8	19 0	80 0	80 0	100 0	10 8	10 8	10 8	Howrah.
																		Central Districts
26 10	26 10	20 0	...	..	...	24 11	24 8	18 8	24 11	24 8	20 0	90 0	90 0	90 0	10 0	10 0	10 0	Calcutta.
...	...	...	...	...	...	...	...	...	22 12	21 8	16 0	90 0	98 0	85 0	10 0	10 0	10 0	24-Pergunnahs.
...	...	...	...	...	...	...	...	...	26 0	26 10¾	21 5¼	...	100 0	100 0	10 0	10 0	9 11	Nuddea.
...	...	...	...	...	...	...	...	...	21 0	22 0	16 0	110 0	110 0	110 0	8 0	8 0	8 0	Jessore.
...	...	...	...	...	...	...	...	...	32 0	32 0	23 8	120 0	120 0	120 0	9 0 to 10 0	9 0 to 10 0	9 0	Moorshedabad.
...	...	...	..	...	...	...	...	...	18 0	20 0	14 8	96 0	180 0	180 0	8 12	9 0	9 0	Dinagepore.
..	..	...	..	...	..	...	...	...	24 0 to 25 5	28 0	21 0	240 0	250 0	240 0	9 6	9 3	9 12	Rajshahye.
...	...	...	...	...	...	...	...	...	12 0	12 0	9 0	120 0	120 0	120 0	8 12	8 12	8 12	Rungpore.
...	...	...	...	...	...	...	...	...	24 0	24 0	17 4	67 8	67 8	67 8	9 0	9 3	9 15	Bogra.
...	...	...	...	...	...	...	...	...	21 0	20 0	19 0	200 0	200 0	200 0	9 12	9 6	9 8	Pubna.
...	...	...	9 0	9 0	8 0	22 0	22 0	21 0	9 0	8 0	6 8	160 0	160 0	160 0	5 4	5 0	5 0	Darjeeling.
...	...	...	...	...	...	...	...	...	13 5	13 5	10 0	64 0	65 0	64 0	9 0	9 4	10 0	Julpigoree.
																		Eastern Districts.
...	...	...	...	...	...	...	...	...	...	21 4	17 6	120 0	120 0	106 0	9 14	9 14	9 8	Dacca.
...	...	...	...	...	...	...	...	...	16 0	14 0	13 8	...	...	...	10 0	9 0	9 8	Furreedpore.
...	...	...	...	...	...	...	...	...	20 0	20 0	16 0	100 0	100 0	100 0	8 8	8 8	8 8	Backergunge.
...	...	...	...	...	...	...	...	...	19 0	19 0	16 4	...	...	...	9 0	9 0	9 8	Mymensingh.

I In the interior prices range as follow :—Wheat 16 to 18 seers, barley 26 to 50 seers, best rice 14 to 22 seers, common rice 20 to 27½ seers, gram 22 to 30 seers, firewood 90 to 140 seers, and salt 9 to 9½ seers.

J In Raigunge the prices are—Wheat 13 seers, best rice 21 seers, common rice 32 seers, gram 16 seers, firewood 140 seers, and salt 9 seers.

K In Nattore the prices are—Wheat 24 6/16 seers, best rice 12 seers, common rice 24¾ seers, gram 21¾ seers, firewood 4 maunds, and salt 9 seers.

L In the interior prices range as follow :—Wheat 16 to 22½ seers, barley (in Bagdogra) 24 10/16 seers, best rice 14½ to 18 seers, common rice 19½ to 25 seers, lesser millets (in Kurigram) 40 seers, gram 14 10/16 to 15 seers, firewood 80 to 120 seers, and salt 8 to 8 1/16 seers.

M In Serajgunge the prices are—Wheat 26 seers, best rice 10 seers, common rice 22½ seers, gram 17 seers, and salt 9½ seers.

N In Kurseong prices are—Best rice 6 seers, common rice 13 seers, lesser millets 12 seers, maize or Indian-corn 13 seers, gram 8 seers, firewood 160 seers, and salt 5 seers.

N1 In the interior prices range as follow :—Wheat 8 to 13 6/16 seers, common rice 13½ to 26 seers, gram 8 to 13 6/16 seers. firewood 64 to 120 seers, and salt 6 7/16 to 8 1/16 seers.

O In the interior prices range as follow :—Wheat (in Jaffergunge) 22 seers, barley (in Jaffergunge) 45 seers, best rice 13 to 27 seers, common rice 25 to 30 seers, gram 20 to 21 seers, firewood 80 to 120 seers, and salt 8 to 10 seers.

P In the interior prices range as follow :—Wheat (in Goalundo) 21 seers, barley (in Goalundo) 26 seers, best rice 12 to 21 seers, common rice 22 to 31 seers, gram 13 to 20 seers, firewood 120 to 200 seers, and salt 8 to 10 seers.

Q In the interior prices range as follow :—Best rice 20 to 27 seers, common rice 24 to 30 seers, gram 10 to 20 seers, firewood 60 to 200 seers, and salt 8 seers.

R In the interior prices range as follow :—Wheat 11 to 13¼ seers, best rice 18 to 30 seers, common rice 18 to 32½ seers, gram 10 to 18 seers, and salt 8 to 9¾ seers.

RETAIL PRICES-CURRENT of Food-grains, Firewood, and Salt in the under

Number.	DISTRICTS.	QUANTITIES PER RUPEE BY																	
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			BULRUSH MILLET—CUMBOO, BAJRA		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
	Eastern Districts.—(Contd.)	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
21	Chittagong*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	Noakholly	S ...	...	...	...	...	...	21 0	23 0	20 0	25 0	29 0	25 0	...	...	...
23	Tipperah	13 0	13 0	14 0	...	...	...	22 0	22 0	20 0	33 0	34 0	35 4	...	...	...
24	Chittagong Hill Tracts* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hill Tipperah	11 0	11 0	8 8	...	...	...	24 0	25 0	15 0	30 0	32 0	22 0	...	...	...
	BEHAR.															
25	Patna	23 0	20 0	21 10	40 0	40 0	30 0	14 0	15 0	13 5	24 0	22 0	18 0	...	...	...
26	Gya	T 18 8	18 8	21 0	35 0	36 0	32 0	12 0	12 8	10 0	20 8	21 0	20 0	...	...	...
27	Shahabad	U 17 0 to 18 0	16 0 to 17 8	18 8	36 0	36 0	32 0	20 0	20 0 to 21 0	17 0	22 0 to 24 0	21 0 to 23 0	19 0	...	...	...
28	Durbhunga	V 17 0	17 8	20 0	45 0	40 0	36 4	15 0	15 0	12 0	19 0	20 0	18 0	...	...	...
29	Mozufferpore	W 20 0	20 0	25 0	35 0	40 0	40 0	11 0	11 0	11 0	19 0	19 0	17 0	...	...	...
30	Sarun	16 0	18 0	18 0	41 0	41 0	37 0	10 8	10 8	9 8	22 8	23 0	19 0	...	...	...
31	Chumparun	X 21 0	20 0	22 0	50 0	50 0	40 0	14 0	15 0	11 0	25 0	22 0	18 0	...	...	...
32	Monghyr	Y 6 12	15 12	21 0	42 0	42 0	31 0	11 8	14 11	15 12	18 14	18 14	21 0	...	...	...
33	Bhagulpore	Z 13 14	12 14	18 15	31 9	31 9	37 14	18 5	17 11	17 11	20 3	20 3	18 15	...	...	...
34	Purneah	Z1 16 0	18 0	20 0	40 0	40 0	40 0	21 0	21 0	20 0	28 0	25 0	24 0	...	...	...
35	Maldah	16 0	18 0	20 0	...	...	...	16 0	16 0	16 0	24 0	24 0	24 0	...	...	...
36	Sonthal Pergunnahs	Z2 13 0	14 0	...	...	...	20 0	22 0	22 0	20 0	26 0	26 0	24 0	...	...	...
	ORISSA.															
37	Cuttack*	...	...	...	...	...	...	...	...	...	...	...	...		...	...
38	Pooree	Z3 14 8	17 8	11 13	...	...	...	22 0	20 0	13 2	25 0	22 8	21 0	...	...	...
39	Balasore	16 0	16 0	16 0	...	...	...	21 5	23 4	16 0	32 0	32 0	25 8	...	...	...
	CHOTA NAGPORE. *South-Western Frontier Agency.*															
40	Hazareebagh	Z4 17 8	17 0	15 0	...	...	24 0	12 0	12 0	12 0	18 0	19 0	24 0	...	...	...
41	Lohardugga	Z5 17 0	17 0	12 0	24 0	...	...	18 0	18 0	19 0	23 0	22 0	23 0	...	...	...
42	Singbhoom	24 0	24 0	14 0	40 0	40 0	32 0	32 0	32 0	32 0	36 0	36 0	36 0	...	...	...
43	Manbhoom	Z6 13 0	12 0	13 0	40 0	40 0	24 0	20 0	20 0	17 0	32 0	32 0	30 0	...	...	...

* Returns not received.

S In the interior prices range as follow :—Best rice 21 to 32 seers, common rice 25 to 40 seers, and salt 7 to 8 seers.

T In the interior prices range as follow :—Wheat 21 to 21½ seers, barley 42½ to 45 seers, best rice (in Arungabad) 19½ seers, common rice 24½ to 25 seers, lesser millets 45 seers, gram 28 to 41¼ seers, firewood 140 to 180 seers, and salt 8 to 9¼ seers.

U In the interior prices range as follow :—Wheat 17 to 19½ seers, barley 28 to 42½ seers, best rice 11 to 16 seers, common rice 18 to 22 seers, bulrush millet (in Buxar) 35 seers, gr. at millet (in Buxar) 33 seers, lesser millets 40 to 42 seers, maize or Indian-corn 30 to 35 seers, gram 29 to 33 seers, firewood 2½ to 6 maunds, and salt 8 to 9¼ seers.

V In the interior prices range as follow :—Wheat 20 seers, barley 40 to 60 seers, best rice 13 to 21 seers, common rice 22 to 27 seers, murwa 40 to 50 seers, maize or Indian corn 42½ to 60 seers, gram 30 to 32 seers, firewood 5 maunds, and salt 8½ to 9 seers.

W In the interior prices range as follow :—Wheat 19 to 30 seers, barley 30 to 60 seers, best rice 12 to 22½ seers, common rice 18½ to 25 seers, lesser millets 40 to 52 seers, maize or Indian-corn 40 to 60 seers, gram 25 to 45 seers, firewood 2½ to 4 maunds, and salt 8 to 9½ seers.

X In the interior prices range as follow :—Wheat 21 to 30 seers, barley 40 to 70 seers, best rice 15 to 22½ seers, common rice 24 to 26½ seers, lesser millets 57 to 60 seers, maize or Indian-corn 40 to 70 seers, gram 23 to 45 seers, firewood (in Bettiah) 160 seers, and salt 7½ to 10 seers.

mentioned Districts of Bengal for the Fortnight ending 15th September 1881.—(Concld.)

THE SEER OF 80 TOLAS.

Great Millet—Cholum, Jowar.			Lesser Millet—Ragi or Murwa and Cheena.			Maize or Indian-corn.			Gram.			Firewood.			Salt.			Districts.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	
																		Eastern Districts.—(Contd.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Chittagong.
...	...		...	...	...	...	.	...	15 0	15 0	8 0	...	...	...	8 0	8 0	8 0	Noakholly
...	...	...	..	...	...	...	...	...	18 0	18 0	15 0	...	...	...	9 8	9 8	9 4	Tipperah.
...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Chittagong Hill Tracts.*
...	...	...	..	...	...	...	...	...	9 0	9 0	8 0	...	...	...	8 0	8 0	8 0	Hill Tipperah.
																		BEHAR.
...	...	...	...	...	...	40 0	40 0	30 0	37 8	34 8	25 0	120 0	120 0	100 0	9 9½	9 10	8 12	Patna.
..	...	...	...	...	...	36 0	...	40 0	29 0	29 0	26 0	160 0	160 0	160 0	9 0	9 0	9 8	Gya.
...	...	...	...	...	..	37 0	35 0	32 0	31 0 to 32 0	32 0 to 33 0	26 0	120 0	120 0	100 0	9 8	9 8	9 4	Shahabad.
...	...	...	45 0	40 0	29 0	37 8	45 0	29 0	30 0	30 0	22 0	130 0	180 0	170 0	8 12	9 0	8 8	Durbhunga.
...	..	...	...	...	...	55 0	50 0	35 0	35 0	37 0	25 0	140 0	140 0	120 0	9 0	9 0	9 8	Mozufferpore.
40 0	42 0	30 0	34 0	32 0	28 0	32 0	41 0	32 0	32 0	31 0	26 0	150 0	160 0	130 0	9 0	8 8	9 0	Sarun.
...	...	...	...	...	...	65 0	56 0	28 0	36 0	38 0	28 0	...	...	...	8 8	8 0	8 8	Chumparun.
...	...	...	...	..	...	52 0	47 4	42 0	33 9	33 9	27 4	105 0	105 0	105 0	8 14	8 6	8 6	Monghyr.
...	...	...	...	...	..	56 13	44 7	41 10	34 1	34 1	24 0	138 14	126 4	126 4	9 7	9 7	9 15	Bhagulpore.
...	.	...	...	.	...	...	...	...	26 0	20 0	20 0	120 0	120 0	120 0	8 0	8 0	8 0	Purneah.
...	...	...	...	...	...	...	...	...	24 0	27 0	20 0	120 0	120 0	120 0	9 0	9 0	9 0	Maldah.
...		...	...	...	...	80 0 (new)	30 0	...	24 0	24 0	18 0	200 0	200 0	200 0	8 0	8 0	8 0	Sonthal Perghs.
																		ORISSA.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	Cuttack *
...	...	...	...	...	...	...	...	...	18 0	16 4	14 7	100 0	100 0	100 0	10 8	9 3	11 13	Pooree.
...	...	...	...	...	...	...	...	...	16 0	16 0	12 12	128 0	120 0	75 0	9 3	9 4	9 2	Balasore.
																		CHOTA NAGPORE. *South-Western Frontier Agency.*
...	...	...	48 0	50 0	42 0	48 0	32 0	35 0	20 0	24 0	21 0	200 0	200 0	250 0	8 0	8 0	8 0	Hazareebagh.
...	...	...	48 0	44 0	34 0	32 0	...	...	16 0	17 0	13 0	140 0	120 0	160 0	6 8	5 8	7 0	Lohardugga.
...	...	...	...	...	...	...	...	...	21 0	21 0	16 0	160 0	160 0	160 0	6 0	6 0	6 0	Singbhoom.
...	...	40 0	64 0	64 0	64 0	...	...	40 0	17 0	16 0	16 0	120 0	120 0	160 0	8 8	8 8	9 0	Manbhoom.

Y In the interior prices range as follow :—Wheat 18 to 20 seers, barley 40 to 47 seers, best rice 12 to 19 seers, common rice 19½ to 20 seers, jowar 45 seers, lesser millets 47 to 50 seers, maize or Indian-corn 30 to 45 seers, gram 30 to 40 seers, firewood 120 to 162 seers, and salt 8 to 9 seers.

Z In the interior prices range as follow :—Wheat 15 to 20 seers, barley 32 to 50 seers, best rice 21 to 29 seers, common rice 22 to 30 seers lesser millets 50 to 60 seers, maize or Indian-corn (in Banka) 40 seers, gram 24 to 28 seers, firewood 4 maunds, and salt 8 seers.

Z1 In the interior prices range as follow :—Wheat 16 to 26½ seers, barley 40 seers, best rice 20 to 24 seers, common rice 24 to 32 seers, gram 14 to 25 seers, firewood 120 seers, and salt 8 seers.

Z2 In Godda prices are—Wheat 15 seers, barley 31¼ seers, best rice 22 seers, common rice 25 seers, maize or Indian-corn 120 seers, gram 26 seers, firewood 3 maunds, and salt 8 seers.

Z3 In Khurda prices are—Best rice 23$\frac{19}{16}$ seers, common rice 31½ seers, gram 21 seers, firewood 190 seers, and salt 10 seers.

Z4 In the interior prices range as follow :—Wheat 16 to 17 seers, barley 30 to 38 seers, best rice 15 seers, common rice 19 to 26 seers, lesser millets 45 to 60 seers, maize or Indian-corn 30 to 100 (new) seers, gram 19 to 24 seers, firewood 180 to 320 seers, and salt 8 to 8½ seers.

Z5 In Daltonganje prices are—Wheat 24·25 seers, barley 34 seers, best rice 15·25 seers, common rice 16·87 seers, bulrush millet 52 seers, gram 33·25 seers, and salt 7·50 seers.

Z6 In the interior prices range as follow :—Wheat 12 to 18 seers, barley (in Govindpore) 32 seers, best rice 20 to 36 seers, common rice 23 to 42 seers, maize or Indian-corn 32 to 70 seers, gram 12 to 18 seers, firewood 6 to 20 maunds, and salt 8 to 10 seers.

Published for general information

H. M. Kisch,
Offg. Secy. to the Govt. of Bengal.

WHOLESALE PRICES-CURRENT of Food-grains, Firewood, and Salt in

PRICES PER MAUND

Number	MARTS.	Wheat.			Barley.			Rice, best sort.			Rice, common.			Bulrush Millet—Cumboo, Bajra.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	Calcutta ...	2 10 0	2 13 0	2 12 0	1 4 0	1 4 0	1 12 0	5 0 0	5 0 0	6 8 0	2 8 0	2 8 0	3 0 0	...	...	...
2	Serajgunge ...	1 8 0	1 6 0	1 9 0	...	...	...	3 12 0	3 6 0	3 0 0	1 9 0	1 5 0	1 12 0	...	...	...
3	Dacca ...	3 0 0	2 13 0	2 11 0	1 1 0	0 15 0	1 1 0	...	1 11 0	1 12 0	1 7 0	1 4 0	1 8 0	...	...	...
4	Naraingunge..	...	...	...	...	...	...	1 10 0	1 6 0	1 10 0	1 8 0	1 4 0	1 8 0	...	...	...
5	Chittagong* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	Patna ..	1 11 9	2 0 0	1 14 0	1 0 0	1 0 0	1 5 3	2 14 0	2 10 9	3 0 0	1 10 9	1 13 0	2 3 6	...	...	...
7	Balasore ...	2 8 0	2 8 0	2 8 0	...	...	...	1 12 0	1 14 0	2 8 0	1 3 0	1 4 0	1 14 0	...	...	...
8	Pooree ..	...	...	...	...	...	...	...	...	...	1 9 3	1 11 6	2 0 0	...	...	...
9	Cuttack* ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* Returns not received.

CALCUTTA,
The 20th September 1881.

the undermentioned Marts of Bengal for the Fortnight ending 15*th September* 1881.

OF 40 SEERS.

Great Millet—Cholum, Jowar.			Lesser Millet—Ragi or Murwa and Cheena.			Maize or Indian-corn.			Gram.			Firewood.			Salt.			MARTS.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	
1 0 1	8 0	2 0 0	...	...	...	1 10 0	1 12 0	2 4 0	1 10 0	1 10 0	2 0 0	0 6 3	0 6 3	0 6 3	4 0 0	4 0 0	4 0 0	Calcutta.
...	...	...	...	...	...	...	...	...	2 2 0	1 14 0	2 6 0	...	...	...	4 4 0	4 2 0	4 4 0	Serajgunge.
...	...	...	...	...	...	...	...	...	1 11 0	1 13 0	2 5 0	0 5 0	0 5 0	0 5 0	4 2 0	4 2 0	4 2 0	Dacca.
...	...	...	...	...	...	...	...	...	1 14 0	2 0 0	2 4 0	0 8 0	0 8 0	0 8 0	4 0 0	4 0 0	4 3 0	Naraingunge.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Chittagong.*
...	...	...	...	...	...	1 0 0	1 0 0	1 5 3	1 1 0	1 2 6	1 9 6	0 5 3	0 5 3	0 6 3	4 1 0	4 2 0	4 10 0	Patna.
...	...	...	...	...	...	...	...	...	2 8 0	2 8 0	3 2 0	0 5 0	0 5 0	0 9 0	3 12 0	4 6 0	4 7 0	Balasore.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Pooree.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Cuttack.*

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H. M. Kisch,
Offg. Secy. to the Govt. of Bengal.

The following Statement shows the Quantities of the principal Staples of Traffic imported into Calcutta from the interior during the month of June 1881.

IMPORTS INTO CALCUTTA.

Whence imported.	FOOD-GRAINS.							FIBROUS PRODUCTS.		OIL-SEEDS.					SUGAR.	
	RICE AND PADDY.			Wheat.	Gram and pulses.	Other food-grains.	Total.	Jute, raw.	Gunny-bags.	Linseed.	Mustard-seed.	Tea, Indian.	Cotton, raw.	Silk, raw.	Refined.	Unrefined.
	Rice.	Paddy.	Total (in rice).													
BENGAL.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Burdwan	61,065	19,050	72,971	4,343	537	235	78,086	.....	.....	1,639	271	13	12	47	81	150
Beerbhoom	21,636	.....	21,636	.....	99	.....	21,735	.....	.....	117	.....	.....	.....	98	.....	.....
Midnapore	1,13,322	1,06,213	1,79,705	.....	200	.....	1,79,905	.....	800	3,642	.....	.....	.....	714	.....	2,465
Hooghly	61,718	3,189	63,711	13,842	4,297	115	81,965	5,056	975,662	4,243	4,843	.....	850	35	2,669	13,892
24-Pergunnahs	1,45,631	35,401	1,67,756	3,160	6,409	250	1,77,575	11,968	1,003,496	5,215	.....	.....	1,310	.....	21,236	21,742
Nuddea	19,052	.....	19,052	43,387	32,838	1,669	96,946	6,461	830	22,368	1,245	627	6	874	2,040	19,714
Jessore	18,955	1,550	19,924	217	14,725	1,225	36,091	350	.....	3,932	150	.....	.....	.....	3,575	4,975
Moorshedabad	1,227	.....	1,227	24,465	8,719	796	35,207	.....	.....	6,520	322	.....	.....	737	.....	.....
Dinagepore	14,675	.....	14,675	.....	.....	.....	14,675	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rajshahye	2,915	.....	2,915	2,174	6,492	1,155	12,736	334	4,301	644	.....	.....	.....	9	.....	.....
Rungpore	4	.....	4	1,375	.....	.....	1,379	16,664	9,725	.....	.....	.....	299	.....	.....	.....
Bogra	58,907	.....	58,907	.....	.....	.....	58,907	.....	275	.....	.....	.....	.....	.....	.....	.....
Pubna	159	.....	159	1,854	4,750	275	7,038	77,013	234,550	2,719	17,555	.....	.....	.....	.....	.....
Darjeeling	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5,803	.....	.....	.....	.....
Julpigoree	.....	.....	.....	.....	.....	.....	.....	2,155	9,935	.....	.....	10,056	.....	.....	.....	.....
Dacca	32,552	.....	32,552	1,202	1,348	.....	35,102	3,317	340	3,349	320	.....	4,720	1	.....	.....
Furreedpore	23,392	500	23,705	6,664	7,459	436	38,264	56,612	1,412	11,559	10,176	.....	183	.....	.....	.....
Backergunge	2,83,537	.....	2,83,537	.....	1,450	.....	2,84,987	.....	.....	50	300	.....	.....	.....	.....	.....
Mymensingh	1,440	.....	1,440	.....	.....	.....	1,440	2,041	.....	350	3,219	.....	.....	.....	.....	.....
Tipperah	4,800	.....	4,800	.....	.....	.....	4,800	.....	.....	.....	100	.....	.....	.....	.....	.....
Chittagong	8,336	.....	8,336	.....	.....	.....	8,336	.....	.....	.....	.....	350	.....	.....	.....	.....
Noakholly	39,118	.....	39,118	.....	500	.....	39,618	.....	.....	875	.....	.....	.....	.....	.....	.....
Total of Bengal ...	9,12,441	1,65,903	10,16,130	1,02,683	89,823	6,156	12,14,792	1,81,971	2,241,326	67,222	38,501	16,849	7,380	2,515	29,665	62,938
BEHAR.																
Patna	30	.....	30	1,87,392	35,348	15,147	2,37,917	.....	.....	1,72,303	65,851	.....	33	6	.....	708
Gya	.....	.....	.....	12,811	.....	.....	12,811	.....	.....	3,250	88	.....	.....	.....	.....	.....
Shahabad	.....	.....	.....	1,38,358	4,934	274	1,43,566	.....	.....	18,712	8,560	.....	.....	.....	983	237
Mozufferpore	275	.....	275	549	.....	.....	824	.....	.....	376	.....	.....	.....	.....	195	.....
Durbhunga	.....	.....	.....	19,751	3,906	.....	23,657	.....	.....	17,041	1,779	.....	.....	.....	.....	207
Sarun	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,999	.....	.....	.....	.....	.....
Monghyr	11	.....	11	84,823	49,275	270	1,34,379	.....	.....	3,753	1,292	.....	.....	.....	.....	.....
Bhagulpore	282	.....	282	60,740	9,374	6,882	77,278	.....	.....	7,390	2,574	.....	.....	2	.....	1
Purneah	1,429	.....	1,429	1,379	1,314	600	4,722	.....	.....	300	3,699	359	.....	.....	.....	.....
Maldah	829	.....	829	14,610	183	872	16,494	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sonthal Pergunnahs ...	8	.....	8	38,709	14,273	599	53,589	.....	.....	5,940	5,399	.....	1	12	.....	3
Total of Behar ...	2,864	.....	2,864	5,59,122	1,18,607	24,644	7,05,237	.....	.....	2,29,065	90,242	359	34	20	1,178	1,156
ORISSA.																
Cuttack	723	.....	723	.....	.....	.....	723	.....	.....	.....	.....	.....	.....	.....	.....	.....
Balasore	20,280	.....	20,280	421	.....	.....	20,701	.....	2,020	.....	101	.....	.....	.....	.....	.....
Total of Orissa ...	21,003	.....	21,003	421	.....	.....	21,424	.....	2,020	.....	101	.....	.....	.....	.....	.....
CHOTA NAGPORE.																
Hazaribagh	.....	.....	.....	.....	1,472	.....	1,472	.....	.....	124	1,121	30	.....	.....	.....	.....
Total of Chota Nagpore	.....	.....	.....	.....	1,472	.....	1,472	.....	.....	124	1,121	30	.....	.....	.....	.....
Grand total of supplies from the Provinces under the Lieutenant-Governor of Bengal.	9,36,308	1,65,903	10,39,997	6,62,226	2,09,902	30,800	19,42,925	1,81,971	2,243,346	2,96,411	1,29,965	17,238	7,414	2,535	30,843	64,094
OTHER PROVINCES.																
Assam	.....	.....	.....	310	.....	.....	310	876	605	10,695	43,254	26,588	84	11	.....	.....
North-Western Provinces and Oudh	1,739	.....	1,739	2,12,756	.....	178	2,14,673	.....	.....	61,219	1,06,841	104	12,695	.....	266	11
Punjab	3	.....	3	.....	2,960	.....	2,963	.....	.....	.....	.....	555	332	.....	.....	.....
Central Provinces ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,360	.....	.....	1,285	5	.....	.....
Rajputana States... ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,477	.....	.....	.....
Bombay	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	14,738	.....	.....	.....
Madras	20	.....	20	.....	.....	.....	20	.....	3,000	.....	.....	.....	10,478	.....	3,857	.....
British Burmah	1,959	.....	1,959	.....	305	1	2,265	.....	175	.....	.....	.....	.....	.....	.....	.....
Other places	7	.....	7	.....	.....	.....	7	.....	.....	.....	.....	.....	.....	51	797	.....
Grand total of Imports in June 1881	9,40,036	1,65,903	10,43,725	8,75,292	2,13,167	30,979	21,63,163	1,82,847	2,247,126†	3,69,685	2,80,060	44,486	48,503	2,602	35,763	64,105
Grand total of Imports in June 1880	6,67,724	1,11,958	7,37,697	5,87,719	1,90,069	21,819	15,37,304	1,08,740	1,241,481	4,17,971	2,65,681	43,563	43,238	2,514	19,448	53,250

The Sea-borne Trade of Calcutta in these Staples during the month of June 1881 *was as follows :—*

EXPORTED FROM CALCUTTA—	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
To Indian Ports, viz.—																
Bombay	2,04,289	69	2,04,332	.....	69	.....	2,04,401	3,590	1,607,800	.....	.....	268	59	.....	2,692	.....
Other ports in Bombay	.....	1,245	777	.....	.....	.....	777	.....	9,500	.....	.....	.....	.....	.....	.....	.....
Madras	2,975	.....	2,975	.....	6,267	80	9,322	3,110	37,550	.....	.....	4	.....	365	15	.....
Other ports in Madras	87,616	.....	87,616	.....	2,127	.....	89,743	.....	80,400	.....	.....	8	.....	23	401	.....
British Burmah ...	4,366	.....	4,364	751	2,401	19	7,537	38	675,702	.....	81	65	.....	1	1,026	198
Other Indian ports ...	10	.....	10	.....	342	.....	352	.....	33,850	.....	.....	2	78	19	420	34
Pondicherry	.....	.....	.....	100	.....	.....	100	.....	22,500	.....	.....	.....	.....	.....	.....	.....
Total of Interportal trade	2,99,256	1,314	3,00,076	851	11,206	99	3,12,232	6,738	2,462,302	.....	81	347	157	408	4,554	232
To Foreign Ports—																
United Kingdom ...	53,588	.....	53,588	3,24,505	1,236	.....	3,79,329	97,475	41,500	3,15,196	1,25,483	24,167	13,448	662	2,713	2,229
Other Foreign ports ...	6,29,990	6,629	6,34,133	3,66,989	49,681	22,937	10,73,740	71,489	2,201,610	8,178	62,036	251	14,941	822	.....	16,336
Total of Foreign trade ...	6,83,578	6,629	6,87,721	6,91,494	50,917	22,937	14,53,069	1,68,964	2,243,110	3,23,374	1,87,519	24,418	28,389	1,484	2,713	18,565
Grand total of Exports in June 1881	9,82,834	7,943	9,87,797	6,92,345	62,123	23,036	17,65,301	1,75,702	4,712,412	3,23,374	1,87,600	24,765	28,526	1,892	7,267	18,797
Grand total of Exports in June 1880	4,49,543	1,073	4,50,213	6,14,569	50,661	8,144	11,23,587	1,42,115	3,264,402	4,72,042	1,85,400	21,332	50,953	1,592	4,534	2,450

* One maund of paddy is equivalent to 25 seers of rice.

† Exclusive of bags obtained by local manufacture.

The following Statement shows the several Routes followed by the Trade in the principal Staples of Traffic imported into Calcutta during the month of June 1881.

IMPORTS INTO CALCUTTA.

SPECIFICATION OF ROUTES.	FOOD-GRAINS.					FIBROUS PRODUCTS.		OIL-SEEDS.		Tea, Indian.	Cotton, raw.	Silk, raw.	SUGAR.	
	Rice.	Paddy.	Wheat.	Gram and pulses.	Other food-grains.	Jute, raw.	Gunny-bags.	Linseed.	Mustard-seed.				Refined.	Unrefined.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
By country boats	6,45,125	1,50,636	1,18,869	65,271	7,871	46,985	1,956,964	51,199	28,382	.....	2,010	755	15,761	29,723
„ river steamers	202	.....	1,836	1,473	.....	25,198	.....	1,116	49,498	18,325	3,523	11	.....	.....
„ rail { East Indian	70,978	.....	7,34,904	1,22,289	21,806	.....	.....	2,85,420	1,90,838	1,062	15,835	991	1,525	1,167
„ rail { Eastern Bengal	1,14,056	.....	15,273	16,738	1,301	97,579	261,803	27,190	11,201	24,749	1,478	884	204	19,667
„ road	79,679	15,267	4,169	7,091	.....	13,085	23,164	4,760	40	.....	441	.....	13,619	13,548
„ sea	30,046	.....	241	305	1	.....	5,195	.....	101	350	25,216	51	4,654	.....
Grand total of Imports in June ... ... { 1881...	9,40,036	1,65,903	8,75,292	2,13,167	30,979	1,82,847	2,247,126	3,69,685	2,80,060	44,486	48,503	2,602	35,763	64,105
Grand total of Imports in June ... ... { 1880...	6,67,724	1,11,958	5,87,719	1,90,069	21,819	1,08,740	1,241,481	4,17,971	2,65,681	43,563	43,238	2,514	19,443	54,250

The following Statement shows the Values, Quantities, and Numbers of the principal Staples of Traffic exported inland from Calcutta during the month of June 1881.

EXPORTS FROM CALCUTTA.

Whither exported.	Cotton piece-goods.		Cotton twist.		Salt.	Gunny-bags.
	European.	Indian.	European.	Indian.		
BENGAL.	Rs.	Rs.	Mds.	Mds.	Mds.	No.
Burdwan ...	1,90,800	258	511	1,014	50,164	46,775
Beerbhoom ...	44,475	.....	206	315	9,001	29,295
Midnapore ...	36,200	100	484	.....	6,580	5,817
Hooghly ...	81,456	9,331	465	14	76,612	32,971
24-Pergunnahs ...	1,54,153	31,606	660	.....	15,769	31,672
Nuddea ...	3,48,965	.....	2,144	92	36,777	16,417
Jessore ...	16,205	.....	430	.....	29,258	.....
Moorshedabad ...	2,01,375	.....	53	36	21,533	18,600
Dinagepore ...	90,880	.....	164	.....	2,400	4,100
Rajshahye ...	1,63,360	.....	160	.....	19,670	3,340
Rungpore ...	1,49,509	.....	24	.....	10,648	90
Bogra ...	49,28	.....	91	.....	4,150	5,035
Pubna ...	1,67,600	.....	283	.....	99,041	1,050
Darjeeling ...	17,200	.....	2	.....	1,250	.....
Julpigoree ...	1,38,480	.....	199	.....	6,400	.....
Dacca ...	7,13,850	.....	2,490	.....	70,553	13,510
Furreedpore ...	2,51,490	.....	1,288	.....	44,392	8,040
Backergunge ...	63,119	.....	840	.....	29,650	.....
Mymensingh ...	7,350	.....	15	.....	37,075	.....
Tipperah ...	.....	.....	.....	.....	4,950	.....
Chittagong ...	66,650	70	174	5	1,675	.....
Noakholly ...	10,550	.....	45	.....	7,900	.....
Total of Bengal ...	29,62,947	41,365	10,728	1,476	5,85,498	216,712
BEHAR.						
Patna ...	9,17,700	258	162	100	1,40,501	453,110
Gya ...	1,02,750	.....	35	25	17,281	8,050
Shahabad ...	4,41,525	.....	1	36	16,673	148,855
Mozufferpore ...	2,51,700	.....	.....	.....	9,278	17,605
Durbhunga ...	4,19,925	.....	116	174	58,779	35,490
Monghyr ...	1,41,975	344	45	96	12,815	122,850
Bhagulpore ...	1,78,350	.....	48	113	27,416	71,285
Purneah ...	2,06,625	.....	110	218	1,796	2,735
Maldah ...	.....	.....	.....	.....	13,450	4,895
Sonthal Pergunnahs	2,53,425	1,032	82	121	25,755	70,875
Total of Behar...	29,13,975	1,634	599	883	3,23,744	935,750
ORISSA.						
Cuttack ...	15,736	.....	306	73	3	16,750
Balasore ...	31,362	635	1,938	1,186	.....	19,100
Total of Orissa ...	47,098	635	2,244	1,259	3	35,850

Whither exported.	Cotton piece-goods.		Cotton twist.		Salt.	Gunny-bags.
	European.	Indian.	European.	Indian.		
CHOTA NAGPORE.	Rs.	Rs.	Mds.	Mds.	Mds.	No.
Hazaribagh	30,000	1,032	9	50	5,484	2,275
Manbhoom	37,275	.....	16	666	7,460	350
Total of Chota Nagpore ...	67,275	1,032	25	716	12,944	2,625
Grand total of supplies into the provinces under the Lieutenant-Governor of Bengal.	59,91,295	44,666	13,596	4,334	9,22,189	1,190,937
OTHER PROVINCES.						
Assam	3,30,295	.....	175	.....	40,477	.....
North-Western Provinces and Oudh	25,23,075	3,268	2,396	167	2,987	359,170
Punjab	18,98,025	602	336	2	.....	39,585
Central Provinces	71,625	.....	429	.....	.....	73,150
Rajpootana States	93,675	.....	88	.....	.....	57,645
Bombay	34,772	166	119	.....	.....	1,635,535
Madras	17,290	1,072	1,275	19	1	117,950
Pondicherry	.....	.....	49	.....	.....	22,500
British Burmah	1,83,598	1,159	111	4,299	.....	673,702
Other places	17,581	1,452	25	.....	.....	2,243,110
Grand Total of exports in June { 1881 ...	1,11,64,231	52,376	18,599	8,821	9,65,654	6,415,284
Grand Total of exports in June { 1880 ...	97,14,427		27,718		7,01,832	4,910,557

The Sea-borne Trade of Calcutta in these staples during the month of June 1881 *was as follows:—*

IMPORTED INTO CALCUTTA—	Rs.*	Rs.	Mds.	Mds.	Mds.	No.
From Foreign Ports—						
United Kingdom ...	87,57,093	.....	11,798	.....	6,18,188	.....
Other Foreign ports ...	2,413	.....	3,373	.....	78,647	.....
Total of Foreign trade ...	87,59,506	.....	15,171	.....	6,96,835	.....
From Indian Ports—						
Bombay	6,022	84,932	240	4,362	48,959	.....
Madras	300	.....	.....	.....	.....	.....
Other Ports in Madras ...	.....	.....	.....	.....	9,835	3,000
British Burmah ...	4,900	.....	400	77	.....	175
Other Indian Ports ...	.....	.....	4	.....	.....	2,020
Total of Interportal trade...	11,222	84,932	653	4,939	58,794	5,195
Grand total of Imports in June { 1881 ...	87,70,728	84,932	15,824	4,939	7,55,629	5,195
Grand total of Imports in June { 1880 ...	1,03,26,551	66,844	22,923	10,130	7,88,018	7,830

The following Statement shows the several Routes followed by the Trade in the principal Staples of Traffic exported from Calcutta during the month of June 1881.

SPECIFICATION OF ROUTES.	COTTON PIECE-GOODS.		COTTON TWIST.		Salt.	Gunny-bags.
	European.	Indian.	European.	Indian.		
	Rs.	Rs.	Mds.	Mds.	Mds.	No.
By country boats	1,78,859	27,949	3,477	.....	5,02,304	77,818
„ river steamers	3,03,423	.....	917	.....	13,153	.....
„ rail { East Indian	80,29,200	6,880	4,633	3,140	3,22,596	1,664,045
„ rail { Eastern Bengal	21,59,760	.....	4,887	92	2,21,434	47,622
„ road	1,70,675	13,088	788	7	8,163	13,387
„ sea	3,42,914	4,459	3,897	5,582	4	4,712,412
Grand total of Exports in June ... { 1881 ...	1,11,64,231	52,376	18,599	8,821	9,65,654	6,415,284
Grand total of Exports in June ... { 1880 ...	97,14,427		27,718		7,01,832	4,910,557

* As per tariff declaration value.

STATISTICAL DEPARTMENT,
The 17th September 1881.

H. M. KISCH,
Offg. Secy. to the Govt. of Bengal.

Results of the Meteorological Observations taken at the Alipore Observatory from 11th to 17th September 1881.

Month.	Date.	Maximum in sun.	Mean pressure barometer at 32° Fahr.	Temperature. Mean.	Temperature. Maximum.	Temperature. Range.	Temperature. Minimum.	Hygrometry. Mean wet bulb.	Hygrometry. Vapour tension.	Hygrometry. Dew point.	Hygrometry. Humidity.	Wind. Prevailing direction.	Wind. Miles recorded.	Rain.	Weather.
1881.		⊖	Inches.	⊖	⊖	⊖	⊖	⊖	Inches	⊖	%			Inches	
Sept	11th	148·9	29·623	85·5	92·2	12·7	79·5	81·8	1·040	80·4	86	SE and NNE ...	86	0·03	Cloudy, *o, g, t, p.*
„	12th	150·1	·622	82·9	91·2	12·3	78·9	79·6	0·969	78·3	86	E and SSE ..	289	0·22	Cloudy, *o, g.*
„	13th	110·7	·701	81·9	84·4	5·1	79·3	79·9	·994	79·0	91	Variable and S ...	110	0·60	Cloudy, *o, g, p, d, t.*
„	14th	140·2	·725	82·3	86·7	9·4	77·3	80·1	1·001	79·2	91	S and SSW ...	101	0·45	Cloudy, *o, g, p, t.*
„	15th	149·7	·704	84·1	89·5	11·3	78·2	80·8	1·009	79·5	86	SSW and SW by W ...	156	0·14	Cloudy, *t, p.*
„	16th	91·7	·729	80·6	84·2	6·1	78·1	78·7	0·960	78·0	91	SW by W and SSW ...	99	0·76	Cloudy, *o, g, d, p, t.*
„	17th	142·7	·729	80·5	87·6	13·1	74·5	79·4	·992	79·0	96	WSW and SW ...	120	1·63	Cloudy, *o, g, d, p, t.*

	Inches.
The mean pressure of the seven days	29·690
The average pressure of the corresponding period for 24 years, S. G. Office ...	29·669
	⊖
The mean temperature of the seven days	82·5
The average temperature of the corresponding period for 24 years, S. G. Office ...	83·5
The extreme variation of temperature during the seven days	17·7
The maximum temperature during the seven days	92·2
	Miles.
The highest velocity of the wind in one hour during the seven days	19
	lb.
The highest pressure of the wind on one square foot during the seven days ...	5
	%
The mean relative humidity during the seven days	90
The average relative humidity of the corresponding period for 24 years, S. G. Office ...	86
	Inches.
The total fall of rain from 11th to 17th September 1881	3·83
The average fall of the corresponding period for 24 years, S. G. Office	1·98
The total fall from 1st January to 17th September 1881	65·10
The average fall of the corresponding period for 24 years, S. G. Office	54·54

The mean pressure, temperature, &c., are deduced from the traces of the barograph and thermograph, and from observations made at 6h, 10h 16h, and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 36, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The direction of the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o overcast, *g* gloomy, *p* passing temporary showers, *d* drizzling rain, *t* thunder.

JOHN ELIOT,
for Meteorological Reporter to the Government of India.

METEOROLOGICAL OFFICE, INDIA,
The 19th September 1881.

Table of Rainfall recorded at Stations in Bengal in August 1881.

Divisions.	Stations.	First week. 1	2	3	4	5	6	7	Total rainfall of the week.	Second week. 8	9	10	11	12	13	14	Total rainfall of the week.	Third week. 15	16	17	18	19	20	21	Total rainfall of the week.	Fourth week. 22	23	24	25	26	27	28	Total rainfall of the week.	Last three days. 29	30	31	Total rainfall of the last three days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st January 1881 up to 31st Aug. 1881.	Average rainfall from 1st January up to 31st Aug.
	Bengal.																																									
	Burdwan District.																																									
Burdwan	Burdwan	1·46	0·11	...	0·06	...	...	...	1·63	...	4·40	0·33	0·45	0·13	...	0·49	5·80	...	...	...	0·36	0·81	...	0·25	1·42	1·52	1·26	3·22	0·19	0·86	4·19	0·32	11·56	...	..	0·75	0·75	21·16	12·50	4·40	54·83	44·33
	Cutwa	0·05	0·19	0·15	0·06	...	...	...	0·45	...	0·86	0·56	0·34	1·83	...	0·09	3·62	0·16	...	...	0·25	0·53	0·20	...	1·14	2·34	1·98	0·91	0·31	...	0·86	0·75	7·15	0·04	0·04	0·79	0·87	13·23	12·69	2·34	37·54	42·43
	Culna	...	0·96	0·31	...	...	0·48	...	1·75	...	0·92	0·10	...	...	1·07	...	2·09	...	...	...	...	0·75	1·30	...	2·05	0·55	2·26	...	...	..	0·46	..	3·27	...	...	...	Nil	9·16	11·91	2·26	39·07	40·53
	Raneegunge	0·67	0·51	0·30	...	0·03	...	...	1·51		1·02	1·54	0·24	0·50	0·03	0·52	3·65	...	...	...	0·26	1·68	...	1·77	3·71	1·05	0·07	1·85	0·85	...	...	0·22	4·04	0·08	...	0·53	0·61	13·52	13·09	1·85	46·17	39·12
	Bankoora District.									...																																
	Bankoora	0·94	0·63	0·53	0·05	0·67	..	...	2·82	0·12	2·73	0·45	0·09	0·11	0·05	...	3·55	...	0·05	0·14	0·55	2·23	...	1·12	4·09	0·54	0·25	1·94	1·15	0·45	0·04	0·14	4·51	0·21	...	2·70	2·91	17·88	11·56	2·73	62·92	42·13
	Bishenpore	1·70	0·23	0·21	0·08	0·02	0·50	0·50	3·24	0·49	1·22	...	0·39	1·06	...	0·81	3·97	...	...	...	0·12	2·20	...	0·39	2·71	2·98	0·30	0·27	...	0·29	0·40	...	4·24	...	...	0·39	0·39	14·55	P	2·98	55·86	P
	Maliara	0·62	0·20	0·65	...	0·05	0·20	...	1·72	...	1·80	0·70	0·12	0·07	...	1·30	3·99	...	...	...	0·42	0·80	1·17	0·46	2·85	2·00	0·96	3·10	0·20	0·07	0·20	...	6·53	...	0·45	1·80	2·25	17·34	P	3·10	55·54	P
	Khatra	1·69	0·20	0·60	...	0·90	...	1·01	4·40	0·30	0·80	0·35	0·03	0·02	0·99	0·95	3·44	0·07	...	...	0·96	0·62	...	0·63	2·28	0·40	1·43	1·35	0·11	...	1·22	...	4·51	0·21	...	0·45	0·66	15·29	P	1·69	56·90	P
	Beerbhoom District.																																									
	Soory	0·73	0·41	0·56	0·07	0·05	0·10	0·35	2·27	0·08	0·12	0·96	0·82	0·36	...	0·90	3·24	0·02	0·17	0·03	0·99	0·78	0·44	1·30	3·73	0·56	1·34	0·69	0·09	0·81	0·21	0·40	4·10	0·06	...	2·04	2·10	15·44	12·94	2·04	45·89	41·75
	Hitampore	0·90	0·86	...	...	...	0·15	...	1·91	0·21	0·55	0·66	0·43	0·23	...	0·51	2·59	...	...	...	0·56	0·79	...	...	1·35	0·42	0·72	0·52	...	0·18	...	...	1·84	...	...	0·53	0·53	8·22	13·29	0·90	45·98	47·96
	Rampore Hât	0·21	0·22	0·43	0·03	...	...	...	0·89	1·00	1·80	0·16	0·74	0·14	0·14	1·34	5·32	0·16	...	...	0·61	1·53	0·12	...	2·42	0·83	0·80	0·30	0·50	1·00	...	...	3·43	...	0·96	1·00	1·96	14·02	13·76	1·80	39·01	41·67
	Midnapore District.																																									
	Midnapore	0·29	0·22	0·06	0·38	...	0·26	...	1·21	2·88	1·61	0·20	0·05	0·91	0·99	0·08	6·72	...	0·01	0·18	0·92	0·06	...	1·15	2·32	0·80	0·29	0·02	...	...	...	0·29	1·40	...	0·14	0·39	0·53	12·18	11·31	2·88	62·86	43·13
	Tumlook	...	1·00	1·60	...	...	...	...	2·60	1·20	1·50	0·90	0·60	0·30	0·20	...	4·70	...	...	0·60	...	0·90	...	2·00	3·50	9·50	3·50	...	...	...	...	...	13·00	...	...	2·00	2·00	25·80	13·23	9·50	68·59	45·29
	Ghattal	0·29	0·62	...	...	...	...	...	0·91	0·05	0·67	0·95	1·58	0·08	0·61	...	3·92	...	...	0·60	0·15	0·62	0·08	3·38	4·83	6·20	0·90	0·68	0·07	...	1·55	1·33	10·73	...	0·02	0·67	0·69	21·08	15·02	6·20	66·91	50·61
	Contai	0·44	0·15	0·10	0·10	...	0·07	0·07	0·93	0·17	0·57	0·06	0·27	0·45	0·34	2·73	4·59	...	...	0·57	2·09	0·17	0·06	1·04	3·93	3·84	3·14	0·64	...	...	...	...	7·62	1·57	0·12	1·10	2·79	19·86	13·72	3·84	84·24	48·63
	Hooghly District.																																									
	Hooghly	0·25	0·34	0·74	0·15	...	...	0·05	1·53	1·34	2·14	0·10	0·15	...	0·13	0·07	3·93	...	...	0·49	1·30	0·58	0·38	0·62	3·37	4·04	0·87	1·31	...	...	...	0·40	6·62	0·08	0·15	0·99	1·22	16·67	12·90	4·04	55·10	47·78
	Serampore	0·53	0·36	0·50	0·34	0·25	0·65	0·10	2·13	0·06	4·15	0·34	0·10	...	0·13	0·14	4·92	0·56	...	0·37	0·64	1·63	1·15	0·02	4·37	0·12	1·40	0·71	0·02	...	...	0·01	2·26	0·92	0·01	0·44	1·37	15·05	11·82	4·15	54·63	43·84
	Jehanabad	1·44	0·47	0·56	0·11	...	...	...	2·58	...	0·94	0·15	0·61	2·88	0·12	1·14	5·84	0·80	...	0·35	0·50	0·69	...	1·03	3·37	0·50	0·35	0·11	...	...	5·64	0·21	6·81	0·70	0·20	1·21	2·11	20·71	15·08	5·64	62·86	48·51
	Howrah District.																																									
	Howrah	0·60	0·10	0·25	0·47	0·15	0·20	...	1·77	...	2·95	0·32	0·14	0·57	0·33	0·12	4·43	0·05	...	...	0·16	1·59	0·39	...	2·10	3·25	1·51	1·06	0·07	...	0·02	0·10	6·01	2·00	...	0·92	2·92	17·23	13·29	3·25	59·03	49·02
	Moheshreka	2·92	0·10	0·15	0·20	...	...	0·18	3·55	0·85	0·91	0·74	1·10	0·10	0·97	0·15	4·82	...	...	0·12	1·50	3·60	0·27	...	5·49	2·44	1·30	0·24	...	...	0·08	0·56	4·62	0·40	2·28	0·20	2·88	21·36	13·83	3·60	62·49	48·37
	24-Pergunnahs.																																									
	Saugor Island	1·20	0·54	0·29	0·83	...	...	...	2·86	0·59	0·69	0·82	0·10	3·49	0·52	0·44	6·56	...	...	0·61	1·60	0·14	0·42	1·17	3·94	5·16	4·12	0·40	...	...	...	0·34	10·02	2·77	...	1·19	3·96	27·34	15·65	5·16	82·82	51·09
	Alipore (Jail)	0·03	0·29	0·28	0·31	...	0·06	0·10	1·07	...	2·05	0·49	0·51	0·39	0·51	0·02	3·97	0·08	0·10	0·50	2·10	0·80	0·10	1·96	5·58	0·20	1·69	1·20	...	...	1·20	0·22	4·42	1·34	0·28	0·80	2·42	17·46	14·14	2·10	55·16	49·33
	Busseerhat	0·19	0·17	0·23	0·39	0·06	...	...	1·04	1·10	4·02	0·38	0·08	0·15	0·12	...	5·85	0·64	...	...	0·14	0·89	0·63	0·27	2·57	0·45	1·05	0·39	...	0·05	0·14	0·76	2·84	...	...	2·85	2·85	15·15	12·33	4·02	56·88	46·35
	Baraset	...	0·08	1·00	0·17	0·56	0·62	...	1·83	0·17	2·69	0·15	0·38	...	0·17	...	3·56	...	...	...	1·00	2·58	0·23	...	3·81	1·70	1·00	1·54	...	...	...	0·18	4·42	1·34	...	0·65	1·99	15·61	11·87	2·69	56·55	43·83
	Diamond Harbour	0·50	0·08	0·09	0·73	0·38	0·15	0·20	2·09	0·05	1·41	0·19	...	1·81	0·91	0·45	4·82	...	...	...	0·92	1·86	2·78	0·16	5·72	2·50	2·85	1·59	0·01	...	0·01	0·05	7·01	0·42	...	0·36	0·78	20·42	13·69	2·85	63·14	50·09
	Barripore	0·95	1·50	0·08	0·55	...	...	...	3·08	1·32	1·30	0·68	0·39	0·38	0·54	...	4·61	...	...	1·03	1·12	1·82	1·00	0·46	5·43	3·12	2·09	0·69	0·05	0·14	0·42	0·18	6·69	0·77	...	0·22	0·99	20·80	15·21	3·12	64·47	51·05
	Satkhira	0·03	0·12	0·82	0·05	...	...	0·05	1·07	0·03	3·73	0·08	0·12	0·34	...	...	4·30	...	...	0·12	0·22	2·16	2·29	0·55	5·34	0·35	0·33	0·80	0·07	...	...	0·87	2·42	...	...	1·42	1·42	14·55	11·88	3·73	52·70	48·90
	Barrackpore	...	0·20	0·48	0·20	0·08	...	...	0·96	1·00	5·50	0·45	0·05	...	...	0·20	7·20	0·35	0·10	1·00	0·55	3·50	1·00	...	6·50	0·30	1·10	1·20	1·00	...	...	0·75	4·35	...	...	0·72	0·72	19·73	11·08	5·50	64·22	41·62
	Dum-Dum	0·35	0·22	0·44	0·10	0·21	0·05	0·14	1·51	0·64	2·46	0·46	0·09	0·10	0·45	...	4·20	...	...	...	0·25	1·25	0·80	1·90	4·20	0·85	1·40	0·05	...	...	...	...	2·30	2·00	...	1·10	3·10	15·31	12·72	2·46	56·84	45·47
	Nuddea District.																																									
	Kishnaghur	0·16	0·05	0·19	0·18	0·14	...	...	0·72	...	3·12	0·49	...	0·14	0·27	0·24	4·26	0·39	...	0·12	0·17	1·61	0·22	4·25	6·76	6·35	0·02	0·04	...	...	0·33	0·31	7·05	...	0·12	1·51	1·63	20·42	11·58	6·35	59·16	44·52
	Boorgong	...	0·30	0·30	0·20	0·30	0·40	...	1·50	...	2·50	0·12	...	1·15	...	...	3·77	...	...	0·30	...	1·30	...	0·40	2·00	2·20	1·23	2·12	...	1·60	...	...	7·15	0·50	0·75	0·25	1·50	15·92	13·56	2·50	57·65	47·35
	Meherpore	0·05	0·26	0·20	0·30	...	0·11	...	0·92	...	0·68	0·40	0·10	0·09	...	...	1·27	0·30	...	...	0·28	0·13	0·57	0·62	1·90	1·77	0·78	0·23	...	...	...	0·03	2·81	4·08	...	0·43	4·51	11·41	12·74	4·08	40·30	44·74
	Chooadanga	0·21	...	0·48	0·26	...	1·39	...	2·34	...	0·38	...	0·21	0·19	...	...	0·78	...	..	...	0·40	0·64	1·29	...	2·33	3·25	0·43	0·31	...	0·12	0·02	0·23	4·36	0·73	..	2·23	2·96	12·77	13·07	3·25	48·48	47·71
	Kooshtea	...	...	...	0·05	0·03	...	0·03	0·11	...	0·75	0·20	0·25	0·15	...	...	1·35	...	...	...	0·85	0·25	0·18	1·15	2·43	1·40	0·32	1·28	0·32	0·26	0·43	0·42	4·43	1·80	0·20	2·10	2·10	12·42	13·01	2·10	54·91	49·99
	Ranaghat	0·50	0·40	0·50	0·75	...	0·20	...	2·35	0·25	1·20	1·09	...	0·30	0·05	...	2·89	...	...	...	0·53	1·18	...	0·54	2·25	0·46	1·56	0·44	...	...	...	...	2·46	...	2·00	0·14	2·14	12·09	13·74	2·00	47·29	44·91

Table of Rainfall recorded at Stations in Bengal in August 1881—continued.

Divisions.	Stations.	First week. 1	2	3	4	5	6	7	Total rainfall of the week.	Second week. 8	9	10	11	12	13	14	Total rainfall of the week.	Third week. 15	16	17	18	19	20	21	Total rainfall of the week.	Fourth week. 22	23	24	25	26	27	28	Total rainfall of the week.	Last three days. 29	30	31	Total rainfall of the last three days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st January up to 31st August 1881.	Average rainfall from 1st January up to 31st August.
	Bengal—*contd.*																																									
	Jessore District.																																									
Presidency—*continued.*	Jessore	0·10	0·02	0·67	0·16	0·01	0·34	0·56	1·86	0·10	0·74	0·01	0·65	0·26	0·02	0·14	1·92	...	...	...	1·30	0·05	0·38	0·09	1·82	0·30	0·42	0·49	...	1·15	0·18	...	2·54	0·37	...	1·39	1·76	9·60	11·80	1·39	49·51	52·25
	Narail	...	...	0·05	0·03	...	0·05	0·08	0·21	...	2·17	...	0·20	...	0·15	0·12	2·64	...	...	0·55	0·38	0·43	0·19	...	1·55	3·41	0·10	...	...	...	...	...	3·51	1·08	0·07	0·27	1·42	9·33	11·45	3·41	41·95	48·20
	Khoolna	...	...	0·26	0·20	1·10	0·62	...	2·18	0·33	1·30	...	0·45	0·30	0·61	...	2·99	0·44	...	...	0·98	0·21	...	...	1·63	0·43	0·50	0·19	1·00	0·03	4·05	...	6·20	1·00	...	2·00	3·00	16·00	12·85	4·05	52·11	51·57
	Jhenida	0·04	...	0·11	0·01	0·46	0·04	...	0·66	0·02	1·26	...	0·20	...	0·32	...	1·80	...	...	0·15	0·57	0·59	0·07	0·49	1·87	1·31	0·43	0·80	0·06	0·26	0·30	...	3·16	0·93	0·27	2·48	3·68	11·17	14·48	2·48	43·34	51·67
	Bagirhat	...	...	...	...	...	...	...	Nil	0·58	1·27	0·24	1·60	0·75	...	...	4·44	...	...	0·41	0·49	0·32	0·36	1·40	2·98	0·50	0·81	0·68	0·12	...	...	0·41	2·52	0·28	...	0·50	0·78	10·72	12·15	1·60	61·48	54·70
	Magoora	0·42	0·02	...	...	...	0·10	...	0·54	0·01	2·76	0·02	0·45	0·24	0·09	0·08	3·65	...	...	0·76	0·62	0·65	0·14	0·15	2·32	0·56	0·50	...	...	...	0·02	...	1·08	2·22	0·58	2·34	5·14	12·73	11·02	2·76	51·85	49·01
	Moorshedabad District.																																									
	Berhampore ...	0·20	...	0·25	...	...	...	...	0·46	0·67	0·16	0·16	0·16	0·20	0·42	0·05	1·82	...	...	...	0·82	0·27	0·30	...	1·39	...	0·75	0·71	0·11	...	1·27	...	2·84	0·82	...	2·27	3·09	9·60	10·78	2·27	34·49	40·39
	Lalbagh	...	0·16	...	...	0·35	0·26	0·11	0·88	...	0·17	0·09	0·46	0·73	0·21	0·69	2·35	0·22	...	...	0·56	1·64	...	...	2·42	1·48	0·37	0·82	...	0·20	1·09	...	3·36	0·87	0·31	2·09	3·27	12·88	13·26	2·09	41·74	40·79
	Jungypore	0·12	0·02	0·08	...	...	...	...	0·22	...	0·18	0·25	...	...	0·35	...	0·78	...	...	...	0·80	0·48	0·52	...	1·80	0·50	0·48	1·00	0·12	0·48	1·25	...	3·83	...	...	1·97	1·97	8·60	12·10	1·97	34·53	40·74
	Azimgunge	0·09	0·04	0·02	0·01	0·05	0·03	...	0·24	...	0·33	0·85	0·40	0·30	0·41	0·43	3·22	...	...	0·43	0·47	0·37	0·06	...	1·33	0·92	0·31	0·71	0·13	...	0·70	...	2·77	...	...	4·00	4·00	11·61	13·17	4·00	34·95	39·03
	Lalgola	0·05	...	...	...	...	0·10	...	0·15	0·17	0·06	0·40	0·16	0·46	1·30	0·25	2·80	0·03	...	...	1·95	0·05	0·09	...	2·12	0·72	0·30	1·06	0·10	0·30	1·47	...	3·95	...	0·15	1·90	2·05	11·07	12·37	1·95	35·19	40·44
	Kandi	0·21	0·92	0·05	0·45	...	...	...	1·63	...	...	0·41	0·39	0·23	1·26	0·35	2·64	0·33	...	...	0·73	0·70	0·41	...	2·17	0·15	0·35	1·47	0·50	0·03	1·66	...	4·16	...	...	0·27	0·27	10·87	12·87	1·66	38·38	44·54
	Dinagepore District.																																									
	Dinagepore	...	...	...	...	...	...	1·45	1·45	2·13	...	0·34	0·08	0·08	...	0·04	2·67	0·02	...	0·06	...	0·04	...	0·27	0·39	0·50	0·35	...	...	...	...	...	0·85	0·28	3·03	0·62	3·93	9·29	13·31	3·03	41·20	59·30
	Raigunge	...	...	...	...	...	0·19	0·15	0·34	0·20	...	0·46	...	0·38	...	...	1·04	...	...	...	0·45	...	0·11	...	0·56	...	1·34	...	0·31	...	...	...	1·65	0·31	1·57	1·05	2·93	6·52	10·90	1·57	38·29	49·84
	Mohadebpore ...	...	...	...	...	...	...	...	Nil	1·10	...	0·40	0·15	0·10	0·70	...	2·45	...	...	0·40	...	0·10	0·05	...	0·55	0·50	0·75	1·20	0·80	1·00	0·10	...	4·65	0·10	1·00	3·12	4·22	11·87	20·37	3·12	44·98	62·19
	Chooramun* ...	...	...	...	6·43	...	...	...	0·43	...	0·15	0·80	...	0·30	0·08	...	1·33	...	...	0·52	...	...	0·15	0·25	0·92	0·50	...	...	0·15	0·10	0·10											
	Maldah District.																																									
	Maldah	0·04	0·06	...	0·12	...	...	...	0·22	0·08	...	0·07	0·36	0·35	0·49	0·02	1·37	...	...	0·41	1·15	0·13	...	...	1·69	0·85	0·58	0·13	...	0·60	0·14	...	2·30	0·05	1·13	4·21	5·39	10·97	10·25	4·21	45·51	38·86
	Chanchal	...	...	...	0·30	...	...	1·02	1·32	0·87	0·05	...	0·08	0·50	0·58	0·05	2·13	0·12	0·03	...	0·04	0·08	0·11	...	0·38	0·37	0·17	0·16	1·58	0·07	0·05	0·20	2·60	0·08	1·32	4·50	5·90	12·33	15·87	4·50	49·82	50·32
	Rajshahye District.																																									
	Bauleah	0·01	0·01	...	0·06	...	...	0·42	0·50	0·01	0·26	0·05	0·01	0·07	0·15	0·10	0·65	...	...	...	0·40	0·70	0·90	...	2·00	0·45	0·68	0·66	0·41	0·95	0·33	...	3·48	0·02	...	5·21	5·23	11·86	11·25	5·21	41·35	44·61
	Nattore	...	...	...	...	0·12	0·31	...	0·43	0·80	...	0·20	0·12	0·15	0·40	...	1·67	0·15	...	...	1·54	0·15	0·09	...	1·93	1·20	0·55	1·32	0·18	1·82	0·74	0·07	6·88	0·15	...	4·13	4·27	15·18	13·07	4·13	52·76	48·65
	Rungpore District.																																									
	Rungpore	...	...	...	0·03	0·06	...	0·96	1·05	...	1·05	0·04	0·07	0·12	...	...	1·28	...	0·42	...	0·70	0·41	0·11	0·22	1·86	0·06	...	0·30	0·17	0·91	...	...	1·44	0·03	1·62	0·42	2·07	7·70	13·11	1·62	43·77	67·68
	Bhabanigunge ...	...	0·23	1·36	...	...	1·62	...	3·21	0·23	...	...	...	0·11	0·05	...	0·39	...	...	...	0·34	...	0·59	...	0·93	2·19	...	1·64	0·53	1·49	1·23	...	7·08	0·96	2·15	0·32	3·43	15·04	11·36	2·19	58·43	53·59
	Kurigram	0·08	...	...	...	...	0·05	0·49	0·62	...	0·25	...	...	0·08	0·18	...	0·51	...	...	...	0·30	0·41	...	...	0·71	1·06	0·16	0·18	0·11	...	...	...	1·51	0·11	0·20	0·28	0·59	3·94	9·97	4·06	57·64	71·59
	Bagdogra	...	...	...	...	0·18	0·02	0·65	0·85	0·17	1·20	0·85	0·20	0·60	...	0·24	3·26	...	...	...	0·55	0·50	...	0·20	1·25	0·20	...	0·07	...	...	...	...	0·27	0·69	0·38	1·76	2·83	8·46	19·35	1·76	62·74	84·98
	Bogra District.																																									
	Bogra	...	0·18	0·05	0·03	...	0·03	0·12	0·44	0·01	0·04	...	0·01	0·13	0·15	0·34	0·68	0·29	0·01	0·26	0·64	0·03	0·09	1·17	2·49	0·34	0·44	8·28	0·34	3·68	...	...	13·08	...	0·72	0·98	1·70	18·39	13·16	8·28	50·33	61·16
	Sherpore	...	0·13	...	...	0·22	...	...	0·35	0·52	...	0·13	0·10	...	0·56	...	1·31	0·50	...	0·60	...	0·22	0·14	...	1·46	0·22	0·60	3·16	1·12	2·46	...	0·32	7·88	...	0·92	1·30	2·22	13·22	15·56	3·16	44·92	58·58
	Nowkhila	0·61	0·33	0·02	...	...	0·03	0·09	1·08	...	...	...	0·02	0·31	0·29	0·10	0·72	...	...	...	0·77	0·02	...	...	0·79	2·30	0·12	2·20	0·03	0·69	...	0·10	5·44	0·69	0·35	0·65	1·69	9·72	12·93	2·30	39·99	51·72
	Panchbibi	...	...	0·28	...	...	...	...	0·28	...	...	...	...	0·32	...	0·12	0·44	...	...	...	0·39	0·07	...	0·22	0·68	0·11	0·06	0·05	1·86	1·06	0·08	2·20	5·40	...	1·30	2·83	4·13	10·93	13·76	2·83	44·30	50·96
	Pubna District.																																									
	Pubna	0·26	...	...	...	...	0·25	...	0·51	...	...	0·29	0·08	0·20	0·10	0·09	0·76	...	...	0·06	3·66	...	0·42	...	4·14	0·30	1·00	2·50	0·50	0·17	0·20	0·10	4·77	1·37	0·20	5·09	6·57	16·75	13·67	5·00	54·57	51·68
	Serajgunge	...	...	...	...	...	0·60	0·30	0·90	...	...	...	0·08	0·30	0·20	...	0·80	...	...	...	1·80	0·30	...	...	2·10	0·30	0·50	...	0·22	3·60	0·10	...	4·72	1·20	0·60	3·90	5·70	14·22	11·82	3·90	46·89	48·04
	Darjeeling District.																																									
	Darjeeling	0·05	1·40	?		1·15	1·80	0·35	10·10	0·60	0·75	0·70	1·40	0·15	0·35	...	3·95	0·15	...	...	2·30	1·55	0·35	1·15	5·50	0·95	2·55	0·45	0·25	...	0·25	0·05	4·50	0·05	0·10	1·45	1·60	25·65	25·97	3·65	75·95	95·26

Cooch Behar.																																														
Julpigoree District.																																														
Julpigoree	...	0·12	0·4[illegible]	0·25	0·46	3·40	2·35	7·0[illegible]	...	0·85	0·15	0·73	0·72	...	0·18	2·63	0·15	...	...	1·16	0·12	0·33	0·34	2·10	1·03	0·12	...	...	...	...	1·15	3·12	1·52	2·36	7·00	19·92	22·74	3·40	72·82	96·20
Buxa	0·72	1·40	0·75	1·02	0·33	12·00	3·12	19·34	0·46	1·20	...	2·20	1·25	0·70	...	5·81	1·70	...	0·12	...	1·40	1·20	1·42	5·84	1·61	1·45	0·20	1·30	0·10	...	0·20	4·86	4·80	3·90	0·55	9·25	45·10	40·55	12·00	158·59	174·42
Cooch Behar Tributary States.																																														
Cooch Behar ...	0·06	...	...	0·23	0·86	0·05	2·09	3·29	3·65	0·66	0·35	0·85	2·10	...	...	7·61	...	...	...	0·34	0·05	...	...	0·39	0·80	0·38	...	...	...	...	...	1·18	·05	2·00	0·95	3·00	15·47	19·45	3·65	77·19	103·12
Dinhatta ...	0·25	...	...	0·04	0·02	1·05	1·45	2·81	0·41	0·91	0·11	0·81	0·55	...	...	2·79	...	...	...	0·21	0·27	0·02	0·41	0·91	0·22	0·04	0·05	...	...	...	...	0·31	...	1·51	3·51	5·02	11·84	13·27	3·51	63·53	89·72
Matabhanga ...	...	...	...	0·09	0·05	0·45	0·73	1·32	1·79	0·15	0·61	1·50	1·32	0·22	...	5·59	...	...	...	0·43	0·25	...	0·36	1·04	1·56	...	...	...	...	...	...	1·56	0·03	1·03	1·32	2·38	11·89	18·72	1·79	71·21	98·87
Meckligunge ...	0·05	0·02	0·02	0·02	...	0·23	2·98	3·32	0·27	...	1·07	...	0·55	...	0·02	1·91	...	...	...	0·57	...	...	0·35	0·92	...	0·25	0·50	...	...	...	...	0·75	...	0·29	2·50	2·79	9·69	17·93	2·98	53·30	93·92
Dacca District.																																														
Dacca	0·24	0·65	0·62	0·12	...	0·21	...	1·84	0·47	0·02	...	0·41	0·52	0·40	0·32	2·14	...	...	0·09	0·35	0·20	1·08	0·71	2·43	1·90	0·36	1·51	0·22	...	0·40	0·66	5·05	0·94	0·71	2·59	4·24	15·70	12·56	2·59	60·87	57·80
Moonsheegunge ...	...	0·37	0·38	...	0·06	0·09	0·38	1·38	2·26	...	0·14	1·21	0·79	2·90	...	7·30	...	...	...	...	1·25	1·30	...	2·55	2·49	0·84	1·01	...	...	...	0·26	4·60	1·48	0·68	4·32	6·48	22·21	15·70	4·32	97·14	71·51
Manickgunge ...	...	0·13	0·12	...	...	...	...	0·25	0·60	0·10	0·07	0·10	0·59	0·11	0·06	1·63	...	...	1·20	1·00	0·36	0·33	0·60	3·49	1·00	0·10	0·02	0·35	...	0·13	0·29	1·89	0·83	0·25	3·23	4·31	11·57	11·94	3·23	51·15	50·03
Furreedpore District.																																														
Furreedpore ...	...	0·03	0·35	...	0·11	...	...	0·49	...	0·33	0·05	0·12	0·53	0·08	...	1·11	...	...	0·95	0·71	0·10	0·07	0·57	2·40	1·80	0·34	0·13	0·10	0·17	...	0·20	2·74	0·85	0·06	3·11	4·02	10·76	12·83	3·11	54·98	56·95
Goalundo	...	0·20	0·15	0·08	0·02	...	...	0·45	...	...	0·33	0·07	0·30	0·10	0·12	0·92	...	1·50	2·30	...	...	0·51	1·03	5·34	0·63	0·05	0·04	0·12	...	0·25	...	1·09	0·80	1·05	3·77	5·6.	13·42	12·51	3·77	57·06	52·20
Madaripore ...	...	0·21	0·65	0·19	0·25	0·04	0·35	1·69	0·45	0·46	0·30	0·75	0·36	0·10	...	2·42	...	...	...	0·35	0·21	0·16	0·11	0·83	0·75	0·38	0·45	...	...	0·07	0·64	2·29	0·35	0·71	0·29	1·35	8·58	12·15	0·75	61·16	56·54
Backergunge District.																																														
Burrisal	...	0·03	0·15	0·22	0·01	0·10	0·14	0·65	1·07	3·81	0·34	1·09	0·39	0·25	0·83	7·78	0·01	...	0·14	0·48	0·02	0·58	0·48	1·71	1·00	0·25	0·83	0·02	...	0·16	0·11	2·37	0·85	0·70	0·24	1·79	14·30	13·14	3·81	84·30	62·28
Perozepore ...	0·30	...	0·25	0·10	...	...	0·40	1·05	...	3·00	0·80	0·20	...	...	0·40	4·40	...	...	...	1·00	0·85	...	1·20	3·05	3·35	0·35	0·10	0·40	...	...	0·35	4·55	0·90	1·10	2·11	4·11	17·16	14·63	3·35	68·58	60·11
Patuakhally ...	0·03	0·20	0·31	0·33	0·02	0·06	0·22	1·17	0·17	2·21	0·57	0·58	0·57	0·41	1·28	5·79	0·40	...	...	1·11	0·05	0·09	0·41	2·06	3·67	1·18	0·08	0·17	...	0·68	0·24	6·02	0·28	0·62	0·64	1·54	16·58	16·65	3·67	86·05	76·82
Bhola	0·06	...	0·75	0·52	0·17	0·85	0·80	3·15	0·34	1·45	0·12	2·83	1·51	0·82	0·88	7·95	0·15	...	...	0·21	0·22	0·60	0·70	1·88	1·30	2·50	0·14	...	...	0·11	0·37	4·42	0·14	0·30	1·30	1·74	19·14	21·09	2·83	100·64	78·89
Mymensingh District.																																														
Mymensingh ..	0·45	0·98	...	...	0·72	0·28	0·45	2·88	0·13	0·50	...	0·29	...	0·25	0·25	1·42	0·11	...	...	2·35	0·18	0·62	...	3·26	0·16	0·45	0·33	0·90	0·02	0·30	0·08	2·24	0·14	0·70	2·44	3·28	13·08	15·20	2·44	64·69	75·88
Jamalpore	0·09	0·70	0·05	0·07	0·19	0·03	1·47	2·60	0·05	0·26	...	0·17	0·11	0·04	0·07	0·70	...	...	...	1·94	0·44	0·21	0·04	2·63	0·20	0·39	3·00	0·44	0·13	...	0·02	4·18	1·06	1·24	0·93	3·28	13·39	15·11	3·00	47·27	61·02
Atia	...	0·19	...	...	...	0·12	...	0·31	0·11	0·09	0·12	0·45	0·12	0·15	...	1·04	...	...	...	1·35	1·06	0·22	...	2·63	0·09	0·11	...	1·64	...	0·21	1·74	3·79	0·28	0·81	6·69	7·78	15·55	12·98	6·69	49·21	53·17
Kishoregunge ...	0·22	1·16	...	0·04	0·64	0·12	...	2·18	...	0·03	0·21	...	0·04	...	...	0·28	...	0·12	...	2·82	0·14	0·05	0·77	3·90	0·24	0·11	0·04	0·08	...	0·04	0·50	1·01	1·00	2·50	1·06	4·5.	11·92	13·14	2·82	55·70	66·66
Chittagong District.																																														
Chittagong ...	...	0·15	0·07	0·05	0·16	0·12	0·23	0·78	0·21	0·15	0·04	0·07	0·70	1·02	...	2·19	0·05	0·05	0·55	0·44	0·14	0·16	0·28	1·67	0·46	0·42	0·43	...	...	1·76	0·25	3·32	0·17	0·42	1·58	2·17	10·13	21·12	1·76	82·93	82·13
Cox's Bazar ...	0·21	...	0·10	0·33	0·08	0·49	2·76	3·97	7·39	2·51	0·04	0·13	3·09	1·16	0·20	14·52	...	0·03	...	0·75	0·45	0·24	0·04	1·51	0·30	2·70	0·25	0·21	0·07	0·26	0·25	4·04	0·10	0·57	2·60	3·27	27·31	24·09	7·39	118·78	115·65
Noakholly District.																																														
Noakholly	0·05	...	0·57	0·06	0·16	0·05	0·70	1·59	3·10	0·16	0·70	2·10	1·20	1·38	0·48	9·12	...	...	...	0·57	2·15	0·78	1·89	5·39	2·80	3·28	...	...	...	0·85	0·45	7·38	1·75	1·33	3·36	6·44	29·92	22·01	3·36	115·20	83·78
Fenny	0·66	0·43	0·34	0·25	0·33	0·28	0·09	2·18	1·07	0·49	0·37	0·89	1·84	0·50	0·86	6·02	0·71	0·09	0·11	0·21	0·75	0·37	1·26	4·00	2·28	2·46	...	...	...	...	1·02	5·76	1·18	2·29	2·37	6·14	24·10	24·42	2·67	88·21	93·68
Tipperah District.																																														
Commillah ...	...	1·16	0·04	0·24	0·08	0·19	0·16	1·87	0·19	...	...	0·13	2·29	0·21	0·81	3·63	...	0·15	0·16	0·15	0·04	0·59	0·10	1·19	1·24	0·41	...	1·25	...	0·45	0·56	3·91	0·25	4·87	1·75	6·87	17·47	16·13	4·87	81·67	74·35
Chandpore ...	0·75	...	0·40	0·35	0·15	1·50	0·35	3·50	0·20	0·45	0·55	2·05	1·76	0·82	1·20	7·03	0·12	...	0·39	0·56	0·50	0·76	2·75	5·08	2·37	1·15	0·85	...	0·05	0·20	0·15	4·77	1·35	0·60	0·75	2·70	23·08	22·28	2·75	95·63	74·10
Brahmunberiah ...	...	0·71	0·16	...	0·10	...	0·31	1·28	...	0·04	...	0·13	0·36	...	0·12	0·65	...	...	...	1·18	...	0·60	0·33	2·11	0·16	0·02	...	0·90	0·34	0·74	0·08	2·24	0·32	0·60	6·44	7·36	13·64	13·14	6·44	55·24	61·95
Chittagong Hill Tracts.																																														
Rungamatee Hill...	0·86	0·30	0·41	0·18	0·22	0·49	0·33	2·79	0·12	0·10	0·60	0·50	0·02	0·93	0·12	1·49	...	0·13	0·30	0·81	0·75	0·14	...	2·13	0·26	0·69	0·50	...	...	2·72	2·06	6·23	0·40	0·83	1·51	2·74	15·38	19·37	2·72	98·61	75·60
Ruma ...	0·02	0·06	...	0·30	0·24	0·17	...	0·78	0·04	0·13	0·50	0·41	0·07	0·15	0·50	1·80	0·75	0·63	0·16	...	0·04	0·75	0·10	2·43	...	0·50	0·30	0·07	...	0·25	0·34	1·46	0·06	0·74	0·50	1·30	7·77	?	0·75	77·36	?
Hill Tipperah District.																																														
Agurtola	0·88	...	...	...	...	0·57	...	1·45	0·14	0·25	0·10	0·98	0·60	0·12	0·31	2·50	...	0·20	1·33	0·45	0·23	0·15	0·27	2·63	0·43	0·15	0·29	1·28	...	0·50	...	2·65	0·10	1·13	3·17	4·40	13·63	14·85	3·17	56·24	62·08

Table of Rainfall recorded at Stations in Bengal in August 1881—concluded.

Divisions.	Stations.	First week. 1	2	3	4	5	6	7	Total rainfall of the week.	Second week. 8	9	10	11	12	13	14	Total rainfall of the week.	Third week. 15	16	17	18	19	20	21	Total rainfall of the week.	Fourth week. 22	23	24	25	26	27	28	Total rainfall of the week.	Last three days. 29	30	31	Total rainfall of the last three days.	Total rainfall for the month.	Average rainfall for the month.	Heaviest rainfall during the month.	Total rainfall from 1st January up to 31st August 1881.	Average rainfall from 1st January up to 31st August.
	Behar.																																									
	Patna District.																																									
Patna		0·30	0·07	...	0·04	...	...	0·68	1·09	0·24	0·24	0·02	...	0·35	...	0·03	0·88	...	...	0·09	0·24	0·20	...	...	0·53	0·68	0·81	0·12	0·27	0·40	0·04	0·50	2·22	0·57	3·74	3·58	7·89	12·61	9·61	3·74	49·02	30·32
Behar		0·10	...	0·06	...	0·09	0·03	1·96	2·24	...	0·36	0·11	..	...	...	...	0·67	...	...	0·79	...	0·10	0·19	0·58	1·66	0·48	1·17	0·44	0·06	0·16	0·85	0·28	3·44	0·15	0·12	3·16	3·43	11·44	10·94	3·16	36·71	33·73
Barrh		...	...	...	...	...	...	2·96	2·96	0·64	0·39	0·16	...	1·55	...	...	2·74	...	...	...	...	0·56	...	0·38	0·94	1·01	...	0·97	...	...	...	..	1·98	0·22	0·88	2·84	3·94	12·56	10·11	2·96	32·88	31·30
Dinapore		0·23	0·20	...	0·50	...	1·50	1·50	3·93	...	0·12	0·18	...	0·28	...	0·50	1·08	0·30	...	...	0·28	0·50	...	...	1·08	0·43	0·81	0·30	0·70	0·23	...	0·71	3·18	0·60	0·86	4·32	5·78	15·05	11·39	4·32	38·88	32·03
	Gya District.																																									
Gya		2·10	0·47	0·33	...	...	1·24	0·20	4·34	...	...	1·32	...	0·77	...	0·10	2·19	0·50	...	0·38	0·31	1·33	...	0·20	2·72	0·7[illegible]	0·64	..	0·01	00·6	...	0·20	1·68	0·14	1·27	2·45	3·86	14·79	9·64	2·45	41·60	30·44
Nowadah		0·92	1·27	0·19	...	...	0·35	1·93	4·66	...	1·02	...	0·46	...	0·35	...	1·83	...	...	0·70	0·28	0·24	...	1·06	2·28	2·44	0·43	0·16	...	...	0·19	...	3·22	...	0·15	1·44	1·59	13·58	11·29	2·44	45·95	33·85
Aurungabad		...	...	...	...	...	0·04	0·67	0·71	0·31	0·69	0·29	..	0·68	0·63	...	2·60	0·35	0·19	...	0·64	1·44	...	3·20	5·78	2·80	1·60	0·25	...	0·14	...	...	4·79	0·34	0·24	2·90	3·48	17·36	12·53	3·20	43·27	33·64
Jehanabad		1·00	0·82	0·02	...	0·04	3·04	0·70	5·62	0·10	0·02	0·42	0·55	...	...	...	1·09	...	...	1·50	...	0·40	...	2·58	4·48	2·30	...	0·08	...	0·53	2·62	...	5·53	...	...	3·80	3·80	20·52	13·05	3·80	40·32	33·23
	Shahabad District.																																									
Arrah		0·77	0·20	0·25	...	...	...	0·60	1·82	0·10	...	0·07	0·40	...	...	...	0·57	...	...	...	0·19	...	...	0·25	0·44	0·46	2·14	0·22	0·31	0·28	...	...	3·41	1·14	...	8·75	9·89	16·13	10·23	8·75	38·74	33·44
Sasseram		0·18	...	0·29	...	0·55	1·16	0·29	2·47	0·17	1·33	0·44	...	0·18	0·65	0·02	2·79	0·15	0·04	...	0·64	1·50	0·06	0·27	2·66	0·71	0·28	0·02	0·63	0·21	...	0·76	2·61	0·43	2·42	0·90	3·75	14·28	12·24	2·42	36·11	33·05
Buxar		0·25	0·42	...	0·10	...	...	0·44	1·21	1·00	0·06	0·05	0·35	...	0·07	...	1·53	..	1·00	...	0·21	0·30	1·04	0·08	2·63	1·50	0·91	0·66	0·15	0·16	0·05	0·43	3·91	0·09	...	4·77	4·86	14·14	10·07	4·77	44·38	29·58
Bhubooah		...	0·85	0·35	...	0·08	...	1·65	2·93	...	0·50	0·10	0·42	...	...	0·20	1·22	...	0·20	0·50	...	0·60	0·22	1·50	3·02	2·65	2·80	0·20	0·50	0·10	..	...	6·25	0·50	...	1·60	2·10	15·52	12·28	2·80	33·66	33·96
	Mozufferpore District.																																									
Mozufferpore		0·03	0·12	...	0·13	...	0·12	0·06	0·46	0·42	0·30	...	...	...	0·07	...	0·79	...	...	0·08	1·03	0·49	...	0·33	1·93	0·79	0·03	...	1·07	0·20	0·22	...	2·31	0·71	0·37	3·81	4·89	10·38	9·86	3·81	30·24	31·97
Hajeepore		0·30	...	...	...	...	...	2·13	2·43	...	0·88	0·04	...	0·53	0·09	...	1·54	...	...	...	0·74	0·08	...	0·26	1·08	...	0·92	0·45	0·49	...	0·38	0·34	2·58	0·63	0·07	4·45	5·15	12·78	10·91	4·45	40·32	33·28
Seetamurhee		...	...	...	...	...	...	0·11	0·11	0·85	1·17	...	0·07	...	...	...	2·09	...	...	...	0·06	0·63	...	...	0·69	...	0·04	...	...	...	...	...	0·04	...	0·25	1·98	2·23	5·16	8·24	1·98	23·07	33·37
	Durbhunga District.																																									
Durbhunga		...	0·05	...	...	...	...	0·79	0·84	1·02	1·95	...	0·21	...	...	...	3·18	...	...	...	0·82	...	...	0·23	1·05	0·17	0·19	...	...	0·73	...	0·83	1·92	1·67	0·33	1·40	3·40	10·39	10·41	1·95	28·77	34·93
Mudhoobunnee		0·40	...	..	...	...	...	0·02	0·42	0·43	...	0·45	...	...	...	...	1·88	...	...	...	0·42	0·32	...	0·09	0·83	0·09	0·02	...	...	0·08	...	0·35	0·84	...	0·05	2·05	2·10	4·77	8·98	2·05	27·85	33·28
Tajpore		...	...	...	...	...	...	2·68	2·68	0·88	1·01	...	0·02	0·38	0·25	...	2·54	...	...	0·25	0·03	0·45	0·39	1·40	2·52	0·23	0·10	0·08	...	0·15	0·15	0·60	1·31	...	...	3·29	3·39	12·44	9·32	3·39	31·63	32·67
	Sarun District.																																									
Chupra		0·25	...	0·45	...	0·02	...	0·42	1·14	...	0·10	0·05	...	...	...	0·71	0·86	...	...	...	0·06	0·03	...	0·15	0·23	0·77	0·25	0·60	0·40	...	1·58	0·11	3·71	2·00	...	2·93	4·93	10·87	9·26	2·93	28·50	28·89
Sewan		0·90	0·37	...	...	...	1·56	0·10	2·93	0·10	0·52	0·09	0·27	0·08	...	...	1·06	...	...	0·03	1·03	0·11	...	...	1·17	0·16	0·34	0·87	0·60	0·34	0·48	...	2·79	...	0·16	1·83	1·99	9·94	10·41	1·83	32·62	34·11
Gopalgunge		...	0·11	...	...	...	0·03	...	0·14																							...		...	0·16	4·80	4·96					
	Chumparun District.																																									
Motiharee		0·88	0·07	...	0·14	...	...	2·94	4·03	0·03	1·42	...	0·04	...	..	...	1·49	...	...	1·50	1·90	...	0·55	0·25	4·20	0·58	...	...	...	...	...	0·47	1·05	...	...	1·41	1·41	12·18	12·24	2·94	36·59	36·02
Bettiah		...	..	...	...	...	0·43	0·79	1·22	..	2·64	...	...	...	...	...	2·64	...	0·07	0·80	0·57	0·18	0·10	1·58	3·28	0·26	...	...	...	0·13	...	1·06	1·45	...	0·10	2·27	2·43	11·02	11·65	2·64	41·86	40·43
Segowlie		...	...	...	...	...	0·04	1·42	1·46	0·20	3·52	...	0·15	...	...	...	3·87	...	...	0·28	0·62	0·40	...	0·40	2·00	0·20	0·08	...	...	...	0·04	0·73	1·05	...	...	1·63	1·63	10·01	9·89	3·52	29·43?	32·99?
	Monghyr District.																																									
Monghyr		...	...	0·04	...	...	1·63	0·40	2·07	1·40	0·02	0·34	0·46	0·04	0·03	0·12	2·41	...	...	0·09	0·16	0·24	...	0·06	0·55	0·55	0·25	0·09	...	0·04	0·03	...	0·96	0·03	3·18	3·58	6·79	12·78	11·03	3·58	33·04	33·40
Begooserai		...	...	..	0·05	...	...	1·06	1·11	...	1·60	...	0·58	0·81	0·11	...	3·10	0·39	...	...	0·11	0·52	...	1·00	2·02	1·90	0·12	0·03	0·09	0·54	...	0·32	3·00	...	...	2·73	2·73	11·96	9·84	2·73	34·41	30·45
Jamooee		0·12	...	0·34	...	...	0·70	0·82	1·98	...	1·22	0·72	0·66	1·35	0·92	...	4·81	...	...	0·45	...	0·24	0·29	1·00	1·98	1·25	0·89	1·15	...	...	0·65	0·41	3·75	0·53	2·11	...	2·64	15·16	11·15	2·11	43·96	34·94
	Bhagulpore District.																																									
Bhagulpore		...	...	...	[illegible]	...	...	0·16	0·22	...	0·30	...	0·70	0·41	0·03	0·66	2·10	...	..	...	1·50	0·93	...	0·37	2·80	0·43	0·17	0·06	...	0·37	...	0·04	1·07	...	0·46	2·83	3·29	9·48	10·65	2·83	29·00	35·28
Soopole		...	...	...	[illegible]	...	...	0·78	0·78	0·10	0·75	0·07	...	0·42	0·50	...	1·84	...	..	...	0·38	0·22	...	0·89	1·61	0·16	0·14	0·19	...	...	...	...	0·49	0·64	...	1·04	1·68	6·40	12·11	1·04	28·04	38·48
Muddehpoora		0·10	0·15	...	[illegible]	...	...	2·10	2·35	0·21	2·40	0·15	0·05	0·36	0·37	0·06	3·60	0·12	...	0·05	0·10	0·70	0·08	...	0·93	0·30	0·32	...	...	...	...	...	32	...	...	1·60	1·60	9·10	12·39	2·40	35·86	38·3

BHAGLPORE.	Banks	0·19	...	0·10	...	0·30	0·10	0·60	0·15	1·10	0·20	0·85	1·00	0·12	...	3·42	...	...	...	0·40	0·62	0·17	...	1·19	0·18	0·37	0·15	0·10	1·90	0·68	0·18	3·[illegible]	1·50	2·32	0·71	3·53	12·30	11·66	2·32	35·05	36·12
	Sonborse‡	...	0·21	...	...	2·18																																				
	Purneah District.																																									
	Purneah	0·03	...	0·12	0·06	...	0·02	0·08	0·31	1·04	0·05	0·06	0·10	0·83	0·24	0·14	2·46	...	...	...	0·13	1·00	0·34	0·10	1·57	3·77	0·26	0·24	0·02	0·19	...	0·02	4·50	0·42	0·95	3·22	4·59	13·43	14·13	3·77	48·21	47·98
	Kissengunge	...	...	...	...	...	0·10	0·32	0·42	...	0·65	0·18	...	1·32	0·20	...	2·35	...	...	...	0·24	...	0·11	2·22	2·57	2·95	0·27	0·10	...	...	...	...	3·32	0·26	0·85	4·36	5·47	14·13	14·99	4·36	50·62	46·56
	Arrareah	...	...	...	0·62	...	...	0·71	1·33	...	...	0·25	0·54	0·26	...	...	1·05	...	...	...	0·10	0·30	...	...	0·40	3·52	0·50	...	...	0·32	...	...	4·34	...	0·22	2·32	2·54	9·66	12·57	3·52	44·54	51·64
	Southal Pergunnahs.																																									
	Nya Doomka	...	0·53	0·26	...	...	0·77	2·54	4·10	...	...	0·47	0·39	...	0·06	0·15	1·07	0·05	0·33	...	0·65	0·47	0·02	0·12	1·64	0·26	0·44	0·93	0·17	0·02	0·12	0·17	2·11	...	...	0·75	0·75	9·67	13·94	2·54	51·52	44·98
	Rajmehal	...	0·14	...	...	...	...	0·65	0·79	...	0·24	0·40	...	...	0·63	0·57	1·84	...	...	0·10	0·45	0·11	0·55	1·10	2·31	0·08	0·10	0·41	...	...	...	...	0·59	0·25	1·88	2·35	4·48	10·01	10·63	2·35	37·74	41·70
	Deoghur	...	...	...	...	...	0·15	1·29	1·44	0·16	0·22	0·39	0·72	...	0·59	...	2·08	0·60	...	...	0·39	0·33	0·02	0·12	1·46	...	0·64	0·59	0·05	...	0·53	...	1·81	...	...	0·21	0·21	7·00	11·13	1·29	44·37	38·29
	Jamtara	...	1·04	0·24	...	0·14	0·07	0·54	2·03	...	1·11	0·79	0·45	0·36	...	...	2·71	0·14	...	...	0·14	1·05	0·32	3·90	5·55	0·13	1·12	0·18	...	0·16	0·08	1·40	3·07	0·03	0·03	0·04	0·10	13·46	12·69	3·90	42·75	39·70
	Pakour	...	0·09	0·17	...	...	...	0·65	0·91	0·70	0·90	...	0·30	0·25	...	0·10	2·25	...	...	...	0·22	0·17	...	...	0·39	0·75	...	0·70	...	...	...	0·20	1·65	...	0·34	4·02	4·36	9·56	14·26	4·02	41·76	46·99
	Godda	0·17	0·28	0·05	0·03	0·10	0·06	1·51	2·20	...	0·23	0·31	0·56	0·02	...	0·87	1·99	...	...	...	0·29	1·55	0·27	2·35	4·46	0·57	0·52	...	...	0·11	...	0·24	1·44	0·68	0·93	0·79	2·40	12·49	12·24	2·35	40·84	36·71
ORISSA.	ORISSA.																																									
	Cuttack District.																																									
	Cuttack	0·52	0·62	0·10	0·57	0·01	0·01	0·41	2·24	0·04	0·02	0·37	0·07	1·00	0·40	0·40	2·80	0·03	0·02	0·01	0·35	1·92	0·06	0·01	2·40	0·43	0·07	1·13	0·06	0·01	0·26	0·04	2·00	...	...	0·61	0·61	10·05	11·39	1·92	45·04	39·71
	Jajpore	0·08	1·00	0·60	...	...	...	...	1·68	...	0·43	0·50	...	1·33	1·70	0·77	4·73	0·10	...	...	0·95	1·00	...	...	2·05	0·45	0·52	0·35	...	...	...	...	1·32	...	...	0·46	0·46	10·24	10·70	1·70	46·07	42·73
	Kendrapara ...	0·30	0·80	0·50	...	...	...	0·70	2·30	...	...	3·00	0·20	0·20	0·90	...	4·30	0·10	...	0·10	1·80	0·40	...	...	2·40	...	3·40	1·00	0·10	...	3·30	...	7·80	...	...	...	Nil	16·80	14·26	3·40	54·70	48·68
	Jagatsingpore ...	0·55	0·30	...	...	...	0·70	...	1·55	...	1·20	...	...	0·23	0·23	0·20	1·86	0·05	...	...	2·30	0·16	0·20	...	2·71	0·80	...	0·10	...	...	0·10	...	1·10	...	...	...	Nil	7·12	10·47	2·30	29·79?	22·99?
	False Point ...	0·04	0·48	0·60	...	1·14	...	0·21	2·47	0·24	0·03	2·96	0·65	...	0·63	0·97	5·48	0·08	...	...	3·69	0·14	0·13	...	4·04	...	2·33	1·41	...	0·07	0·37	0·04	4·22	0·01	...	0·72	0·73	16·94	14·70	3·69	43·82	47·04
	Pooree District.																																									
	Pooree	0·79	1·75	0·08	...	...	...	1·06	3·68	...	0·01	1·04	...	...	0·35	...	1·40	0·35	...	...	1·00	0·50	0·29	0·03	2·17	0·73	0·62	0·05	0·20	...	...	...	1·60	0·07	...	...	0·07	8·92	11·73	1·75	39·16	35·61
	Khurdah	0·22	1·30	0·11	...	...	...	...	1·63	...	0·05	1·20	0·07	...	1·04	0·48	2·84	0·71	...	0·36	0·35	5·25	0·02	...	6·69	0·52	0·10	0·18	...	...	0·38	...	1·18	0·03	...	0·22	0·25	12·59	12·80	5·25	36·18	41·80
	Banpore	1·05	3·58	...	...	...	...	0·15	4·78	0·10	1·10	2·54	...	...	...	1·05	4·79	0·73	...	...	...	0·15	...	0·10	0·98	0·15	0·12	...	...	0·40	2·05	...	2·72	...	...	2·40	2·40	15·67	?	3·58	44·18	?
	Balasore District.																																									
	Balasore	0·13	0·09	0·36	0·14	1·60	...	0·03	2·35	0·44	1·25	0·11	0·14	0·30	0·41	1·64	4·29	0·03	0·06	...	1·56	0·30	...	0·15	2·10	0·55	0·39	1·36	...	...	0·02	...	2·32	...	...	...	Nil	11·06	12·37	1·64	55·05	45·33
	Bhuddruck ...	1·05	0·20	...	...	...	0·34	0·54	2·13	0·10	0·52	...	1·03	2·10	0·51	...	4·26	...	...	...	0·75	1·71	...	...	2·45	0·40	0·70	0·07	...	...	0·15	...	1·32	0·59	...	1·74	2·33	12·50	10·88	2·10	65·56	41·05
	Jellasore	0·01	...	...	0·03	0·01	0·03	0·01	0·09	...	0·03	0·01	1·00	2·00	2·00	...	5·04	2·00	...	...	...	0·02	0·20	...	2·22	0·01	0·03	...	0·02	...	0·02	...	0·08	0·02	0·01	0·01	0·04	7·47	12·24	2·00	50·02	44·19
	Sorah	0·45	0·23	0·15	0·78	...	0·12	2·35	4·08	...	0·53	0·50	0·35	0·89	0·70	...	2·97	0·08	...	0·04	1·42	0·34	...	...	1·88	0·95	0·53	...	...	0·05	0·80	0·65	2·98	...	...	0·50	6·50	12·41	12·17	2·35	41·23	39·34
	Chandbally ...	...	0·70	0·10	...	...	...	...	0·80	...	0·20	0·70	0·40	0·20	0·80	0·10	2·40	...	0·30	...	2·50	...	...	...	2·80	0·60	0·50	0·20	...	...	...	...	1·30	...	...	...	Nil	7·30	11·99	2·50	41·23	38·83
	Bareepudda ...	0·52	0·52	0·16	0·42	0·62	...	...	2·24	0·42	0·16	0·12	1·16	0·01	0·77	2·14	4·78	0·27	0·18	0·44	2·17	0·05	0·08	0·01	3·20	0·75	0·81	3·24	0·01	...	0·08	0·02	4·91	...	0·06	0·11	0·17	15·30	12·79	3·24	60·40	43·05
	CHOTA NAGPORE.																																									
	Hazaribagh District.																																									
	Hazaribagh ..	1·11	0·40	0·51	0·63	...	0·89	1·03	4·57	...	0·57	0·68	...	0·23	0·53	0·32	2·33	...	...	...	0·22	0·75	...	0·09	1·06	1·55	0·70	0·60	0·96	0·74	0·85	0·03	5·43	...	0·48	0·96	1·44	14·83	12·66	1·55	41·29	37·42
	Pachamba ...	0·95	1·12	0·80	0·07	0·03	...	0·40	3·37	0·08	0·53	1·60	0·28	0·30	0·06	0·13	2·98	...	...	...	0·29	0·53	...	0·05	0·78	0·90	0·46	0·06	...	0·43	0·11	0·10	2·06	0·03	...	0·05	0·08	9·27	11·81	1·60	37·71	39·14
	Seetagurh ...	...	...	...	0·20	0·80	1·20	...	2·20	...	0·99	0·15	...	...	0·77	0·74	2·56	0·62	...	...	1·00	1·10	...	...	2·72	1·33	0·10	1·00	1·00	1·06	...	0·20	4·69	...	0·50	...	0·50	12·67	12·82	1·33	41·51	39·84
	Mowdie Hills ..	3·72	0·42	0·11	0·40	0·22	0·72	1·21	6·80	0·01	...	0·90	0·08	0·16	0·10	0·10	1·35	0·75	...	...	1·10	2·00	0·81	0·36	5·02	2·25	1·45	...	0·33	...	...	...	8·60	0·70	0·20	0·70	1·60	21·01	?	2·10	55·89?	?
	Jhoonarah ,, ...	1·10	1·50	1·20	0·50	0·80	...	0·69	5·19	0·06	1·02	1·04	0·02	0·05	0·08	0·07	2·34	0·05	...	...	0·07	2·05	0·01	1·10	3·28	1·30	2·10	1·60	0·50	1·50	0·20	1·40										
	Lohardugga District.																																									
	Ranchee	1·36	0·22	0·55	0·78	0·70	...	...	3·61	0·90	0·10	0·73	0·25	0·17	0·48	1·75	4·38	...	...	...	0·33	3·50	0·35	...	4·18	0·28	0·83	0·89	0·15	0·18	0·20	1·23	3·76	...	...	0·68	0·68	16·61	11·76	3·50	48·14	36·57
	Palamow	0·16	1·04	0·22	0·72	..	...	2·14	4·28	...	0·16	2·03	...	0·50	1·05	0·20	3·94	...	...	...	0·27	0·95	1·18	0·12	2·52	0·42	0·50	1·75	0·60	...	0·55	...	3·82	0·25	...	1·88	2·13	16·69	11·50	2·14	42·39	34·94
	Singbhoom District.																																									
	Chybassa	4·90	0·31	0·39	0·26	0·88	0·45	0·34	7·53	0·02	0·34	2·50	0·04	0·04	0·05	0·33	3·32	0·40	0·15	0·38	1·71	0·30	...	0·26	3·20	3·13	0·37	0·7[illegible]	...	...	0·38	1·83	6·44	0·36	...	0·37	0·73	21·22	14·25	4·90	61·29	44·57
	Manbhoom District.																																									
	Purulia	6·69	0·43	0·23	0·01	1·12	...	...	8·4[illegible]	...	0·46	1·44	0·06	0·33	0·86	0·37	3·52	0·15	0·01	...	0·78	0·31	0·38	0·49	2·12	0·40	1·40	0·42	...	0·14	0·46	1·37	4·19	0·10	...	0·35	0·45	18·76	12·53	6·69	49·00	37·89
	Gobindpore ..	...	...	0·85	...	...	0·36	...	1·21	0·09	0·10	0·25	0·15	0·46	...	...	1·05	0·35	...	...	0·35	1·05	0·11	0·55	2·41	0·48	1·69	0·12	0·22	0·74	0·03	...	3·28	0·35	0·10	0·66	1·11	9·06	14·18	1·69	28·75	41·57

* Not received from 28th to 31st. † Not recorded from 7th to 29th. ‡ Discontinued from the 7th.

METEOROLOGICAL OFFICE, BENGAL,
The 19th September 1881.

JOHN ELIOT,
Meteorological Reporter to the Government of Bengal.

Results of the Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 11th to 17th September 1881.

Month.	Date.	Temperature.				Hygrometry.			Rain.
		Mean.	Maximum.	Range.	Minimum.	Vapour tension.	Dew point.	Humidity.	
1881.		⊖	⊖	⊖	⊖	Inches.	⊖	%	Inches.
September ...	11th ...	86·0	92·2	11·3	80·9	1·011	79·6	80	.....
" ...	12th ...	81·6	90·8	12·0	78·8	·942	77·4	85	0·30
" ...	13th ...	80·5	84·0	4·2	79·8	·980	78·0	91	0·33
" ...	14th ...	81·3	87·8	10·4	77·4	·958	77·9	88	0·71
" ...	15th ...	84·0	90·8	11·0	79·8	·994	79·0	84	.....
" ...	16th ...	80·5	82·3	2·3	80·0	·947	77·6	90	0·10
" ...	17th ...	80·4	88·6	13·8	74·8	·971	78·4	90	1·60

	⊖
The mean temperature of the seven days	82·0
The extreme variation of temperature during the seven days	17·4
The maximum temperature during the seven days	92·2
	%
The mean relative humidity during the seven days	87
	Inches.
The total fall of rain from 11th to 17th September 1881	3·04

METEOROLOGICAL OFFICE, INDIA,
The 19th September 1881.

JOHN ELIOT,
for Meteorological Reporter to the Govt. of India.

PUBLIC WORKS DEPARTMENT,—BENGAL.

IRRIGATION BRANCH.

Statement showing heights over mean sea-level and low-water on Rivers Ganges, Bhagiruthee, and Brahmapootra for the month of June 1881.

Date.	River Ganges.																River Bhagiruthee.				Brahmapootra.	
	Mirzapore.		Benares.		Buxar		Dinapore.		Monghyr.		Sahebgunge.		Rampore Bauleah.		Goalundo.		Berhampore.		Kishnaghur.		Gowhatty.	
Miles.					90.		177.	87.	287.	110.	381.	94.	471.	90.	591.	120.			70.			
Distance.					From Benares		From Benares	From Buxar	From Benares	From Dinapore	From Benares	From Monghyr	From Benares	From Sahebgunge	From Benares	From Rampore Bauleah			From Berhampore			
	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.
1st	below zero 2·50	203·72	below zero 1·75	195·05	2·17	171·22	7·90	142·13	below zero 1·50	109·35	68·00	136·00	below zero 0·81	41·19	10·17	19·11	1·71	35·45	0·62	9·41	20·80	169·56
2nd	2·42	203·80	1·92	194·88	below zero 2·00	167·05	7·90	142·13	1·44	100·41	68·00	136·00	0·81	41·19	11·17	20·11	1·67	35·41	0·54	9·33	19·70	168·46
3rd	2·25	203·97	2·04	194·76	1·92	167·13	8·10	142·33	1·42	100·43	68·17	136·17	0·81	41·19	11·75	20·69	1·62	35·36	0·46	9·25	18·50	167·26
4th	2·00	204·22	2·00	194·80	1·92	167·13	8·15	142·38	1·33	100·52	68·33	136·33	0·79	41·21	12·50	21·44	1·62	35·36	0·42	9·21	17·50	166·26
5th	2·00	204·22	1·92	194·88	1·75	167·30	8·05	142·28	1·21	100·64	0·58	68·58	0·77	41·23	12·67	21·61	1·62	35·36	0·42	9·21	16·30	165·06
6th	1·92	204·30	1·75	195·05	1·75	167·30	8·00	142·23	1·17	100·68	0·58	68·58	0·71	41·29	12·42	21·36	1·71	35·45	0·37	9·16	15·10	163·86
7th	1·83	204·39	1·62	195·18	1·75	167·30	8·05	142·28	1·17	100·68	0·83	68·83	0·64	41·36	11·92	20·86	1·75	35·49	0·33	9·12	14·70	163·46
8th	1·83	204·39	1·50	195·50	1·75	167·30	8·25	142·48	1·21	100·64	0·67	68·67	0·58	41·42	11·33	20·27	2·04	35·78	0·67	9·46	14·40	163·16
9th	2·00	204·22	1·46	195·34	1·50	167·55	8·60	142·83	1·12	100·73	0·67	68·67	0·56	41·44	10·67	19·61	2·33	36·07	0·92	9·71	13·80	162·56
10th	2·17	204·05	1·37	195·43	1·50	167·55	9·20	143·43	1·00	100·85	0·83	68·83	0·54	41·46	10·25	19·19	2·67	36·41	1·08	9·87	14·00	162·76
11th	2·33	203·89	1·50	195·30	1·58	167·47	9·85	144·08	0·92	100·93	1·50	69·50	0·50	41·50	9·92	18·86	2·58	36·32	1·37	10·16	13·80	162·56
12th	2·33	203·89	1·75	195·05	1·67	167·38	9·90	144·13	0·25	101·60	2·00	70·00	0·08	41·92	9·83	18·77	2·71	36·45	1·58	10·37	14·20	162·96
13th	2·33	203·89	1·92	194·88	1·75	167·30	10·10	144·33	above zero 0·33	102·18	2·75	70·75	above zero 0·25	42·25	10·08	19·02	2·62	36·36	1·92	10·71	17·40	166·16
14th	2·00	204·22	1·87	194·93	1·75	167·30	10·80	145·03	0·58	102·43	3·25	71·25	1·17	43·17	10·58	19·52	2·67	36·41	2·29	11·08	18·60	167·36
15th	1·25	204·97	1·75	195·05	1·58	167·47	11·30	145·53	1·25	103·10	3·83	71·83	2·33	44·33	11·33	20·27	3·17	36·91	2·54	11·33	19·00	167·76
16th	above zero 1·58	207·80	0·42	196·38	1·42	167·63	11·60	145·83	1·83	103·68	4·42	72·42	3·90	45·00	12·00	20·94	3·71	37·45	2·62	11·41	19·40	168·16
17th	9·00	215·22	above zero 4·00	200·80	0·83	168·22	12·40	146·63	3·08	104·93	5·08	73·08	4·04	46·04	12·75	21·69	4·67	38·41	2·58	11·37	20·20	168·96
18th	10·00	216·22	9·58	206·38	above zero 1·33	170·38	13·90	148·13	6·33	108·18	6·75	74·75	5·06	47·00	13·25	22·19	6·12	39·86	2·37	11·16	21·40	170·16
19th	9·50	215·72	9·58	206·38	6·50	175·55	13·90	148·13	6·75	108·60	9·00	77·00	6·69	48·69	13·58	22·52	7·17	40·91	3·33	12·12	22·80	171·56
20th	8·83	215·05	9·33	206·13	7·58	176·63	16·00	150·23	7·33	109·18	10·00	78·00	9·00	51·00	14·00	22·94	8·12	41·86	5·08	13·87	24·50	173·26
21st	8·33	214·55	8·75	205·55	8·25	177·30	16·80	151·03	8·33	110·18	10·50	78·50	9·37	51·37	14·50	23·44	8·92	42·66	5·67	14·46	25·60	174·36
22nd	8·17	214·39	8·50	205·30	8·00	177·05	16·85	151·08	8·83	110·68	11·17	79·17	9·96	51·96	15·33	24·27	9·59	43·24	6·42	15·21	26·80	175·56
23rd	8·08	214·30	8·25	205·05	7·83	176·88	16·70	150·93	10·17	112·02	12·00	80·00	10·67	52·67	16·08	25·02	10·08	43·82	7·21	16·00	27·70	176·46
24th	7·83	214·05	8·08	204·88	7·67	176·72	16·20	150·43	10·00	111·85	12·42	80·42	11·50	53·50	16·67	25·61	10·87	44·61	7·92	16·71	28·70	177·46
25th	7·33	213·55	7·83	204·63	7·58	176·63	16·40	150·63	9·58	111·43	12·42	80·42	11·87	53·87	17·08	26·02	11·50	45·24	8·62	17·41	29·50	178·26
26th	6·92	213·14	7·83	204·63	7·33	176·38	16·85	151·08	9·58	111·43	12·33	80·33	12·04	54·04	17·58	26·52	11·75	45·49	9·21	18·00	29·30	178·06
27th	6·92	213·14	8·00	204·80	7·00	176·05	16·60	150·83	9·92	111·77	12·42	80·42	12·04	54·04	17·92	26·86	11·75	45·49	9·92	18·71	29·00	177·76
28th	7·42	213·64	8·83	205·63	6·83	175·88	16·30	150·53	10·00	111·85	12·58	80·58	12·17	54·17	18·00	26·94	11·75	45·49	10·25	19·04	28·50	177·26
29th	6·75	212·97	7·67	204·47	7·25	176·30	16·80	151·03	9·67	111·52	12·75	80·75	12·54	54·54	18·00	26·94	12·12	45·86	10·50	19·29	27·40	176·16
30th	6·08	212·30	7·00	203·80	7·50	176·55	18·70	152·93	10·08	111·93	12·83	80·83	12·67	54·67	18·00	26·94	12·46	46·20	10·67	19·46	27·20	175·96

The 1st September 1881.

G. F. E. S. NEILL, *Major* M.S.C.,
Asst. Secy. to the Govt. of Bengal P. W. Dept.

PUBLIC WORKS DEPARTMENT,—BENGAL.

IRRIGATION BRANCH.

Statement showing heights over mean sea-level and low-water on Rivers Ganges, Bhagiruthee, and Brahmapootra for the month of July 1881.

Date.		River Ganges.																River Bhagiruthee.				Brahmapootra.	
		Mirzapore.		Benares.		Buxar.		Dinapore.		Monghyr.		Sahebgunge.		Rampore Beauleah.		Goalundo.		Berhampore.		Kishnaghur.		Gowhatty.	
	Miles.					90.		177.	87.	287.	110.	381.	94.	471.	90.	591.	120.			70			
	Distance.					From Benares		From Benares	From Buxar	From Benares	From Dinapore	From Benares	From Monghyr	From Benares	From Sahebgunge ...	From Benares	From Rampore Beauleah ...			From Berhampore ...			
		Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.	Height over zero of gauge.	Height over mean sea-level.
1st ...	...	5·67	211·89	6·58	203·38	7·17	176·22	19·70	153·93	11·67	113·52	13·25	81·25	12·92	54·92	18·00	26·94	12·50	46·24	10·87	19·66	26·80	175·56
2nd ...	...	5·00	211·22	6·08	202·88	6·75	175·80	19·35	153·58	12·83	114·68	14·42	82·42	13·17	55·17	18·00	26·94	12·75	46·49	10·93	19·75	26·60	175·36
3rd ...	...	4·75	210·97	5·75	202·55	6·25	175·30	18·60	152·83	12·58	114·43	14·83	82·83	13·71	55·71	18·00	26·94	13·21	46·95	11·04	19·83	26·80	175·56
4th ...	...	4·75	210·97	5·33	202·13	5·75	174·80	18·10	152·33	11·75	113·60	14·67	82·67	14·37	56·37	18·00	26·94	13·67	47·41	11·43	20·25	27·00	175·76
5th ...	...	5·17	211·39	5·92	202·72	5·50	174·55	17·80	152·03	11·17	113·02	14·08	82·08	14·12	56·12	17·75	26·69	13·67	47·41	11·87	20·66	26·90	175·66
6th ...	...	5·67	211·89	6·08	202·88	5·50	174·55	17·50	151·73	10·75	112·60	13·75	81·75	13·87	55·87	17·50	26·44	13·50	47·24	11·96	20·75	26·60	175·36
7th ...	...	5·67	211·89	6·08	202·88	5·67	174·72	17·25	151·48	10·42	112·27	13·25	81·25	13·42	55·42	17·42	26·36	13·25	46·99	11·92	20·71	26·10	174·86
8th ...	...	6·25	212·47	6·50	203·30	5·83	174·88	16·95	151·18	10·17	112·02	13·17	81·17	13·12	55·12	17·33	26·27	12·83	46·57	11·87	20·66	25·50	174·26
9th ...	...	8·25	214·47	6·83	203·63	6·00	175·05	16·75	150·98	9·92	111·77	12·83	80·83	12·79	54·79	17·25	26·19	12·54	46·28	11·58	20·37	25·40	174·16
10th ...	...	10·25	216·47	9·17	205·97	7·00	176·05	16·80	151·03	9·58	111·43	12·58	80·58	12·58	54·58	17·17	26·11	12·33	46·07	11·50	20·29	25·20	173·96
11th ...	...	11·75	217·97	11·17	207·97	8·75	177·80	18·80	153·03	9·50	111·35	12·42	80·42	12·42	54·42	17·17	26·11	12·17	45·91	11·36	20·29	24·90	173·66
12th ...	...	11·58	217·80	11·50	208·30	10·00	179·05	20·50	154·73	10·33	112·18	12·42	80·42	12·17	54·17	17·00	25·94	11·92	45·66	11·67	20·46	24·40	173·16
13th ...	...	11·58	217·80	11·33	208·13	10·42	179·47	20·20	154·43	12·25	114·10	13·00	81·00	12·17	54·17	16·83	25·77	11·79	45·53	11·87	20·66	23·90	172·66
14th ...	...	12·75	218·97	12·25	209·05	10·50	179·55	20·15	154·38	12·75	114·60	13·42	81·42	12·67	54·67	16·83	25·77	12·17	45·91	11·87	20·66	23·40	172·16
15th ...	...	14·42	220·64	13·92	210·72	11·33	180·38	22·30	156·53	12·75	114·60	14·67	82·67	13·54	55·54	16·92	25·86	13·04	46·78	11·92	20·71	22·50	171·26
16th ...	...	15·08	221·30	14·92	211·72	12·75	181·80	23·50	157·73	15·33	117·18	15·00	83·00	14·00	56·00	17·25	26·19	13·83	47·57	12·12	20·91	21·50	170·26
17th ...	...	15·50	221·72	15·17	211·97	13·67	182·72	22·70	156·93	16·17	118·02	15·42	83·42	15·00	57·00	17·25	26·19	14·67	48·41	13·04	21·83	20·60	169·36
18th ...	...	14·75	220·97	14·92	211·72	14·08	183·13	22·60	156·83	15·58	117·43	17·75	85·75	16·17	58·17	16·83	25·77	16·17	49·91	14·00	22·79	19·70	168·46
19th ...	...	14·08	220·30	14·33	211·13	14·00	183·05	23·95	158·18	15·42	117·27	17·50	85·50	16·58	58·58	16·58	25·52	16·79	50·53	14·83	23·62	19·00	167·76
20th ...	...	13·25	219·47	13·58	210·38	13·50	182·55	22·70	156·93	16·08	117·93	17·83	85·83	16·58	58·58	16·33	25·27	17·00	50·74	15·25	24·04	19·00	167·76
21st ...	...	12·42	218·64	12·83	209·63	13·00	182·05	22·50	156·73	15·50	117·35	18·08	86·08	16·87	58·87	16·17	25·11	17·21	50·95	15·33	24·12	18·90	167·66
22nd ...	...	17·08	223·30	14·33	211·13	12·33	181·38	21·90	156·13	15·08	116·93	17·75	85·75	16·87	58·87	16·17	25·11	17·37	51·11	15·50	24·29	19·20	167·96
23rd ...	...	25·25	231·47	23·33	220·13	16·92	185·97	22·40	156·63	14·75	116·60	17·42	85·42	16·67	58·67	16·17	25·11	17·17	50·91	15·79	24·58	19·10	167·86
24th ...	...	26·25	232·47	25·50	222·30	22·17	191·22	25·10	159·33	15·08	116·93	17·25	85·25	16·42	58·42	16·25	25·19	16·92	50·66	16·00	24·79	18·19	166·95
25th ...	...	24·42	230·64	24·08	220·88	22·75	191·80	27·20	161·43	17·50	119·35	18·00	86·00	16·52	58·52	16·17	25·11	16·75	50·49	16·17	24·96	18·60	167·36
26th ...	...	21·83	228·05	22·33	219·13	21·75	190·80	27·05	161·28	19·50	121·35	20·00	88·00	17·25	59·25	16·00	24·94	17·46	51·20	16·25	25·04	18·30	167·06
27th ...	...	21·25	227·47	21·17	217·97	20·50	189·55	26·00	160·23	19·75	121·60	21·50	89·50	18·50	60·50	16·17	25·11	19·04	52·78	16·62	25·41	18·50	167·26
28th ...	...	24·92	231·14	24·17	220·97	20·75	189·80	26·25	160·48	19·08	120·93	21·92	89·92	19·17	61·17	16·58	25·52	20·17	53·91	17·50	26·29	19·10	167·86
29th ...	...	27·25	233·47	26·67	223·47	23·25	192·30	26·45	160·68	19·00	120·85	21·75	89·75	19·58	61·58	17·08	26·02	20·79	54·53	18·50	27·29	20·60	169·36
30th ...	...	31·25	237·47	30·08	226·88	24·83	193·88	27·20	161·43	19·92	121·77	22·33	90·33	19·46	61·46	17·08	26·02	21·17	54·91	19·25	28·04	21·60	170·36
31st ...	...	32·50	238·72	32·00	228·80	25·92	194·97	27·85	162·08	21·17	123·02	22·00	90·00	19·92	61·92	17·08	26·02	22·25	55·99	20·75	29·54	21·60	170·36

Calcutta dated the 14th September 1881.

G. F. E. S. NEILL, *Major*, M.S.C.,
Asst. Secy. to the Govt. of Bengal, P. W. Dept.

Weekly Return of Traffic Receipts on Indian Railways

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 10th September 1881 on 1,504¼ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	180,482	2,59,372 1 0	20,91,996 20	7,09,195 4 0	9,632 12 0	9,78,250 1 0	48,301¼	138,268¾	186,569½
Or per mile of railway	.....	172 6 10	.....	471 7 4	6 7 0	650 5 2	.....	.....	.....
For previous 9 weeks of half-year	1,391,338	16,90,710 1 9	1,53,90,901 30	47,81,263 14 2	1,12,756 2 4	65,84,730 2 3	440,602½	936,172¼	1,376,774¾
Total for 10 weeks ...	1,571,820	19,50,082 2 9	1,74,82,898 10	54,90,459 2 2	1,22,438 14 4	75,62,980 3 3	488,903¾	1,074,440½	1,563,344¼
Comparison.									
Total for corresponding week of previous year	135,786	1,72,605 7 6	15,84,455 10	4,07,618 4 9	9,961 7 0	5,90,185 3 3	47,509	76,298	123,807
Per mile of railway corresponding week of previous year ...	.....	114 8 3	.....	270 7 0	6 9 9	391 9 0	.....	.....	.....
Total to corresponding date of previous year	1,404,719	16,83,383 12 5	1,44,88,813 0	42,28,747 11 3	1,77,210 14 11	60,89,342 6 7	497,183	805,547	1,302,730

EASTERN BENGAL RAILWAY.

Approximate Return of Traffic for week ended 10th September 1881 on 171¾ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Total Train-miles run.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	36,143	25,331 0 0	3,73,550 0	1,32,970 0 0*	366 0 0	1,53,667 0 0	5,797½	12,586¾	18,384¼
Or per mile of railway	210	147 7 9	2,174 29	774 3 4	2 2 1	923 13 2	.....	.....	.....
For previous 10 weeks of half-year	378,323	2,32,836 0 0	27,87,602 0	8,69,177 0 0	3,418 0 0	11,05,431 0 0	53,731	94,081¼	147,812¾
Total for 11 weeks ...	414,466	2,58,167 0 0	31,61,152 0	10,02,147 0 0	3,784 0 0	12,64,098 0 0	59,528½	106,668¾	166,197
Comparison.									
Total for corresponding week of previous year	32,689½	23,332 0 0	3,39,421 0	1,23,288 0 0	233 0 0	1,46,853 0 0	5,689½	11,506¾	17,196¼
Per mile of railway corresponding week of previous year ...	190	135 13 7	1,976 10	717 13 4	1 5 8	855 0 7	.....	.....	.....
Total to corresponding date of previous year	374,025½	2,23,157 0 0	26,15,890 0	8,18,710 0 0	4,192 0 0	10,46,059 0 0	59,529¾	94,627½	154,157¼

* Rs. 260 included on account carriage of Revenue stores.

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No. 39 of 1881.

SUPPLEMENT TO

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WEDNESDAY, SEPTEMBER 28, 1881.

OFFICIAL PAPERS.

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ERRATUM.

IN the Supplement to the *Calcutta Gazette*, dated 21st September 1881, pages 1012 and 1013, *for* "Raja Promotho Charan Dev Roy," *read* "Raja Pramatha Bhushana Deva Ráya."

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal, as reported to Government during the week ending the 24th September 1881.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.	*Western Districts.*		
BURDWAN DIVN. 1	Burdwan, Sept. 24 '81	5·06	Showers at intervals. State and prospects of crops generally favourable. *Aus* crop being reaped. Fever prevalent in many parts of district.
	Culna ...	4·00	
	Cutwa ...	2·62	
	Raneegunge ...	2·51	
2	Bankoora, „ 24 „	4·54	Weather—warm with occasional showers Sugar-cane growing and in most places being tied up into bundles *Haimanti* paddy doing well. Reaping of *aus* has become general. Other early paddy, viz. *nuan* and *kelash*, in ear. *Cheena* and *kodu* being reaped in Simlapal. *Kherua* cotton and *biri kalai* flowering and growing into pod. *Surguja* and *krista til* being sown. General health good. Fever in Bishenpore sub-division abating.
	Bishenpore ...	2·37	
	Maliara ..	0·86	
	Khatra ..	1·63	
3	Beerbhoom, „ 24 „	3·28	State of crops good. Fever prevails in many places. Price of food-grains moderate.
4	Midnapore, „ 24 „	2·09	Weather—sultry with seasonable showers. Prospects of rice harvest good, except on some of the low lands and flooded tracts, where there will be a failure of crop. Prices low. Fever still prevalent.
	Tumlook ...	5·75	
	Ghattal ...	3·00	
	Contai ...	4·62	
5	Hooghly, „ 24 „	2·11	Weather—cool and seasonable. *Amun* rice in flower and promises well, as does sugarcane. Fever very prevalent.
	Howrah, „ 26 „	0·88	Slight showers at Sudder station; heavier rain at sub-division. Sugarcane and jute cultivation affected by rain. *Amun* crop damaged in Ampta, Bagman and Jagatballabpore thanas.
	Moheshrekha ...	2·49	
	Central Districts.		
PRESIDENCY DIVN. 6	24-Pergunnahs, Sept. 26 '81	1·14	Weather—seasonable. Prospects of *amun* rice continue very favourable. Reaping of early rice and jute going on. Public health generally good, though some cases of fever in Sudder, Satkhira, and Dum-Dum sub-divisions.
7	Nuddea, „ 24 „	4·63	Weather—cloudy, showery, and cool. Harvesting of *aus* nearly completed. Prospects of *amun* favourable. Fever prevails throughout district, but least in Ranaghat and Kooshtea sub divisions.
	Kooshtea ...	6·90	
	Meherpore ..	2·56	
	Chooadanga ...	3·47	
	Ranaghat ...	1·68	
	Bongong ...	0·90	
8	Jessore, „ 24 „	1·36	Weather—clear and rather wet. Prospects of crops continue to be good. General health fair.
	Jhenida ...	6·94	
	Magoora ...	5·83	
	Narail ..	5·69	
	Khoolna ..	6·08	
	Bagirhat ...	2·57	
9	Moorshedabad, „ 24 „	2·07	Weather—hot with rain now and then. *Amun* crop well spoken of. It has benefited greatly by occasional showers. Fever still prevalent.
RAJSHAHYE AND COOCH BEHAR DIVN. 10	Dinagepore, Sept. 23 '81	6·66	Abundant rain throughout district. Prospects of transplanted late rice good.
11	Rajshahye, „ 24 „	1·76	Heavy rain at beginning of week. *Amun* paddy greatly benefited by rain, and prospects now improved. *Kalai* being sown in some places. Some cases of fever reported, but general health good. One case of small-pox in Bagmara.
	Nattore ...	4·26	
12	Rungpore, „ 23 „	5·75	Weather—rainy. Prospects of crops good.
	Gaibanda ..	8·37	
	Kurigram ..	7·08	
	Bagdogra ..	6·61	
13	Bogra, „ 24 „	1·41	Weather—seasonable. Prospects of crops moderately good. Fever prevalent.
14	Pubna, „ 24 „	2·83	Weather—rather hot; cloudy with occasional rain. Heavy rain at Serajgunge. Prospects of *amun* paddy, sugarcane, and jute satisfactory. Rivers falling. Public health generally good.
15	Darjeeling, „ 24 „	3·65	Rain rather heavier than usual for the season. All crops doing well.
16	Julpigoree, „ 24 „	14·12	Excessive rain. From most parts of district report has been received that late heavy rain has been favourable. It is not likely, however, that *haimanti* crop will be a full one, though all that has been transplanted is so far doing well. Jute harvest good.
	Cooch Behar, „ 22 „	13·53	Weather—cloudy and heavy rain. Prospects of late rice fair. Rain has retarded tobacco cultivation. Rice selling at Rs. 2-6 per maund. Public health good.
	Dinhatta ..	14·58	
	Mathabhanga ..	6·49	
	Mekligunge ..	9·08	
	Eastern Districts.		
DACCA DIVN. 17	Dacca, Sept. 24 '81	6·28	Weather—rainy and cloudy. Prospects of standing crops good. Harvesting of jute continues; yield expected to be a full average one. Rivers full. Public health good.
	Moonshigunge (for week ending 21st Sept.).	5·70	
	Manickgunge (for week ending 24th Sept.).	3·16	
18	Furreedpore, „ 24 „	2·81	Weather—rainy. Crops fair. Health generally good.
	Goalundo ...	1·57	
	Madaripore ...	6·49	
19	Backergunge, „ 22 „	5·35	Heavy rain on four days with thunder and lightning. Weather unsettled. *Amun* now all planted out. Prospects good.
20	Mymensingh, „ 23 „	10·86	Weather—seasonable; very heavy and continuous rain. State and prospects of crops good, but fine weather wanted.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
	BENGAL.—(*continued.*)		
	Eastern Districts.—(Continued.)		
	CHITTAGONG DIVN.		
21	Chittagong, Sept. 27 '81	0·27	Weather—clear and hot. Transplanting of *amun* completed with good prospects. Cattle-disease and small-pox still prevail in some parts. General health good.
22	Noakholly „ 22 „	8·99	Weather—very heavy rain on night of 20th; otherwise comparatively dry. Air cool. Reaping of *aus* and transplanting of *amun* rice nearly finished. Prospects good.
23	Tipperah, „ 23 „	5·03	Weather—wet. State and prospects of crops good. A little fine weather now wanted.
	Brahmunberiah ..	6·69	
	Chandpore ..	7·00	
24	Chittagong Hill Tracts, Sept. 20 „	3·33	Heavy showers and weather very warm. Plough-cultivators' paddy and cotton good. Joom paddy in places will be considerably short of average. In some places above Barkal and in Kassalong valley an inroad of rats said to have destroyed paddy partially.
	Hill Tipperah, „ 21 „	5·81	Weather—hot and showery. State and prospects of crops favourable. Public health good.
	BEHAR.		
	PATNA DIVN.		
25	Patna, Sept. 24 '81	3·09	Weather—sultry. Reaping of *bhadoi* crops still going on. Sugarcane commenced to be cut in some places. Paddy, *urid*, and *rahar* growing well. Public health good.
	Behar ...	1·19	
26	Gya, „ 24 „	0·10	Weather—hot. Harvesting of *bhadoi* nearly over. Prospects of paddy good. Rain now wanted. Preparation for sowing of *rubbee* going on. Public health generally good.
	Nowada ...	0·52	
	Jehanabad ..	0·20	
	Aurungabad ...	0·37	
27	Shahabad. „ 24 „	1·98	Rain has fallen in local showers. Prospects of crops continue favourable. *Bhadoi* crops being harvested.
	Sasseram ...	0·21	
	Buxar ...	0·14	
	Bhabuah ...	0·10	
28	Durbhunga „ 24 „	3·61	Heavy rain till end of week when clouds cleared away. *Bhadoi* harvest good. *Aghani* rice prospects fair, except where late floods have kept rice-fields too long under water. Prices stationary. Health fair.
29	Mozufferpore, „ 24 „	2·82	Weather—rainy during first-half of week, latterly cool and cloudy. Prospects generally good, but some damage caused to rice crop by heavy inundations in north of district.
	Hajeepore ..	2·13	
	Seetamurhee ...	5·09	
30	Sarun, „ 24 „	2·47	Heavy rain in early part of week. Weather since generally cloudy. Prospects of *bhadoi* favourable; harvesting of *makai*, *murwa*, and *sama* almost over. Transplanting of paddy nearly finished. General health good.
	Sewan ...	0·90	
31	Chumparun, „ 24 „	3·92	Rain almost daily. A good *bhadoi* harvest. Rice prospects have improved with the rain. Ground is in capital condition for *rubbee*. Cholera has almost disappeared.
	BHAGULPORE DIVN.		
32	Monghyr, Sept. 24 '81	2·69	Weather—occasional storms; generally fine. State and prospects of crops good.
	Begooserai ..	3·44	
	Jamui ...	0·44	
33	Bhagulpore, „ 24 „	2·71	Weather—sultry; occasional showers. Prospects continue good, but more rain wanted, especially in north and south-east.
34	Purneah, „ 24 „	5·43	Weather—heavy rain for two nights; now seems set fair. Floods in Mahananda. *Koosi* and Pachar have rather endangered lately transplanted rice, but have otherwise done much good. Fever prevalent.
	Kissengunge ...	10·94	
	Arrareah ...	5·16	
35	Maldah, „ 24 „	2·01	Weather—cloudy and rainy with intervals of hot sunshine. Harvesting of *bhadoi* rice not yet completed. Prospects of late rice favourable. *Kalai* sowings still going on. Prices of food-grains stationary. Public health fair, though there is much ordinary fever in most villages.
36	Sonthal Perghs. „ 24 „	2·18	Weather—rainy. State and prospects of crops good.
	Deoghur ...	0·56	
	Godda ..	3·55	
	Jamtara ..	2·77	
	Pakour ..	6·62	
	ORISSA.		
	ORISSA DIVN.		
37	Cuttack, Sept. 24 '81	2·8	Weather—warm. *Sarud* rice doing well, and being weeded. *Beali* gathered. Transplanting in low lands of inundated tracts still in progress. Rice sells from 16 to 29 seers per rupee. Public health good.
38	Pooree, „ 22 „	0·62	Weather—seasonable. *Sarud* crop being weeded for second time. High land crops in ear. Late rain has done much good to crops. Common rice sells at 26 to 39 Calcutta seers per rupee. Cattle disease still reported.
	Khurda ...	1·32	
39	Balasore, „ 23 „	3·08	Weather—alternate heavy rain and sunshine. Reports from all parts of district good. *Beali* crop being reaped and early *sarud* in flower. Main *sarud* crop being weeded, and lands inundated still being resown. Price of rice varies from 26 seers at Dhamnagur to 48 seers at Jelasore. Public health good. Cattle disease reported in Chandbali.
	CHOTA NAGPORE.		
	South-West Frontier Agency.		
40	Hazaribagh, Sept. 23 '81	1·16	Weather—seasonable. Harvesting of *bhadoi* nearly finished. Prospects of rice continue good. General health good.
41	Lohardugga, „ 24 „	0·99	Slight rain daily except on 17th and 19th. Upland rice and *gundli* being cut. Damage to *bhadoi* in Palamow said to be less than reported previously. More rain for low land rice wanted. Land being got ready for sowing winter crops. Less small-pox. Fever asusual at this time of year.
42	Singbhoom. „ 23 „	1·98	Weather—unsettled and hot; sunshine and showers. Rice doing well everywhere. *Rubbee* to some extent injured by heavy rain. General health good, except that fever very prevalent.
43	Manbhoom, „ 24 „	2·43	Weather—fine and hot, with good showers at intervals. Early rice being cut. Prospects of later crops good. Cow-pox reported from Chas.
	Govindpore ...	2·00	

Published for general information.

CALCUTTA, STATISTICAL DEPT.,
The 27th September 1881.

H. M. KISCH,
Offg. Secy. to the Govt. of Bengal.

Abstract of Observations as received in the Office of the Meteorological Reporter to the Government of Bengal during the month of August 1881.

N. B.—The Barometric data are reduced for temperature and not for height above sea-level.

STATIONS.	Height above sea-level.	BAROMETER. Mean.	Mean of 10 hours.	Mean of 16 hours.	Range.	RADIATION THERMOMETER. Sun. Mean.	Above max. in shade.	Max. Day.	Max. ○	Grass. Mean.	Below min. in shade.	Min. Day.	Min. ○	TEMPERATURE OF AIR. Mean of max.	Mean daily range.	Mean of min.	Mean.	Mean of 10 hours.	Mean of 16 hours.	Highest max. Day.	Highest max. ○	Absolute range.	Lowest min. Day.	Lowest min. ○	VAPOUR TENSION. Mean.	From minima.	Mean of 10 hours.	Mean of 16 hours.	HUMIDITY. Mean.	From minima.	Mean of 10 hours.	Mean of 16 hours.	RAIN FALL. Number of days.	In inches.
Sibsagar ...	333	29·325	29·386	29·258	·128	151·8	60·8	27th	166·0	74·8	3·5	30th	72·0	91·0	12·7	78·3	83·9	84·2	88·4	1st	98·7	23·6	21st	75·1		·926	·987	1·008		95	84	75	20	11·45
Dhubri ...	118·11	·527	·586	·465	·121	142·9	62·7	15th & 21st	162·1	76·2	2·7	25th	72·8	87·2	8·4	78·8	82·0	82·0	84·4	27th	91·8	14·7	25th	77·1		·904	·939	·959		92	86	81	17	6·58
Silchar ...	104·25	·571	·630	·497	·133	147·7	57·9	18th	168·6	—	—	—	—	89·8	13·0	76·8	84·3	83·3	87·0	2nd	96·0	21·5	6th	74·5		·886	·953	·960		96	84	75	26	19·89
Darjeeling ...	6912	23·337	23·372	23·304	·067	121·7	52·0	24th	145·3	58·0	1·9	10th	55·1	69·7	9·8	59·9	63·7	65·2	65·9	17th	76·5	18·1	20th	58·4		·499	·573	·584		96	92	92	27	25·65
Purneah ...	125	29·469	29·521	29·407	·111	—	—	—	—	—	—	—	—	90·1	10·5	79·6	84·6	85·6	87·6	17th	95·4	19·0	23 & 24th	76·4		·940	1·009	1·022		92	82	78	25	13·43
Durbhunga ...	166·32	·437	·487	·387	·100	147·2	57·7	17th	156·2	75·7	3·9	9, 10, 12, 14, 23, & 24th	74·6	89·5	9·9	79·6	84·1	85·2	86·8	17th	94·9	18·6	7th	76·3		·932	1·009	·992		92	83	78	14	11·45
Patna ...	179	·411	·463	·358	·105	151·3	61·8	29th	166·6	77·6	2·2	7 & 12th	74·5	90·3	10·5	79·8	83·8	84·5	86·6	17th	94·7	17·7	29th	77·0		·932	1·011	1·013		91	83	80	22	12·61
Gya ...	375	·237	·281	·181	·100	136·4	46·4	5th	149·6	73·0	5·0	31st	69·8	90·0	12·0	78·0	83·5	85·8	86·6	16 & 17th	94·5	20·2	31st	74·3		·888	·956	959		92	77	76	21	14·79
Hazaribagh ...	2007·12	27·602	27·645	27·552	·093	145·9	62·2	21st	159·6	—	—	—	—	83·7	10·6	73·0	78·0	79·5	80·8	17th	88·6	18·1	23rd	70·5		·778	·834	·841		96	83	80	23	14·80
Berhampore ...	66·45	29·551	29·606	29·482	·124	152·3	63·6	26th	168·2	77·3	1·6	24th	74·2	88·7	9·8	78·9	82·1	84·3	85·5	16th	94·7	18·9	24th	75·8		·925	·982	·970		93	83	80	17	7·40
Burdwan ...	99·09	·510	·558	·450	·108	152·0	64·8	15th & 20th	162·2	76·3	3·3	12, 25 & 26th	74·4	87·2	7·6	79·6	82·0	83·4	84·7	17th	91·5	14·7	26th	76·8		·933	·986	·984		91	86	82	19	21·16
Jessore ...	33·3	·597	·643	·539	·104	146·5	57·2	5th	161·2	76·9	2·2	13 & 22nd	75·8	89·2	10·1	79·1	82·2	84·7	85·1	17th	93·5	16·9	29th	76·6		·942	1·001	·999		94	84	83	25	9·90
Dacca ...	35	·616	·660	·556	·104	145·8	58·2	1st	162·1	77·1	2·0	25th	74·6	87·6	8·4	79·1	83·4	83·8	85·7	18th	93·5	17·0	22nd	76·5		·926	1·005	1·001		93	87	81	25	16·07
Chittagong ...	86·7	·612	·656	·554	·102	146·6	61·7	1st	161·4	—	—	—	—	84·9	8·4	76·5	80·4	81·7	82·8	17th	89·6	14·8	29th	74·8		·855	·906	·925		93	84	82	24	7·64
Demagiri ...	—	—	—	—	—	—	—	—	—	—	—	—	—	87·6	14·8	72·8	78·5	83·3	84·3	19th	94·3	22·3	1st	72·0		—	—	—		—	—	—	23	13·54
Alipore ...	21·38	·599	·636	·539	·097	137·3	50·7	27th	158·7	76·5	1·5	23 & 24th	75·1	86·7	8·7	78·0	82·5	83·0	83·9	17th	91·5	15·7	23 & 24th	75·8	·986	·907	·965	·962	89	94	85	83	25	19·61
Saugor Island	24·8	·593	·634	·540	·094	141·0	53·3	27th	163·1	76·8	2·5	18th	71·6	87·7	8·4	79·3	82·4	83·1	84·8	27th	91·2	16·2	23rd	75·0	·991	·923	1·005	1·024	89	92	89	86	22	27·34
Cuttack ...	80	·541	·588	·479	·109	144·6	55·9	25th	161·6	75·1	3·5	19th	72·8	88·7	10·1	78·6	83·3	85·3	85·9	27th	92·6	17·2	19th	75·4		·920	·920	·960		94	76	78	23	9·13
False Point ...	17·44	·608	·651	·553	·098	144·9	56·8	10th	160·3	74·9	3·1	14th	70·0	88·0	10·0	78·0	81·1	84·5	84·3	16 & 30th	91·8	16·8	19th	75·0		·913	·970	·959		95	81	81	23	16·94
Vizagapatam...																																		
Akyab ...	20·44	·712	·755	·661	·094	131·9	47·8	24th	158·5	75·4	0·7	14th	73·2	84·1	7·9	76·1	80·1	80·2	81·8	24th	83·4	14·6	15th	73·8		·866	·948	·968		96	92	89	28	46·38
Port Blair ...	61·16	·761	·800	·721	·079	138·3	52·4	10th	153·2	74·3	3·1	21st	71·9	85·9	8·5	77·3	79·9	82·8	82·6	24th	88·8	14·0	4th	74·8		·831	·941	·920		89	84	82	27	9·34
																	July 1881.																	
Port Blair ...	61·16	29·760	29·795	29·725	·070	137·1	50·7	30th	152·6	75·7	3·1	2nd	72·6	86·2	3·8	78·9	81·4	83·6	83·8	18, 19, & 28th	88·0	13·6	2nd	74·4		·822	·965	·927		84	81	80	25	7·49

CALCUTTA (ALIPORE).

Mean barometric pressure of 24 years ...	29·598	Mean temperature of 24 years ...	83·1	Mean humidity of 24 years ...	86
Ditto ditto of 1881 ...	·599	Ditto ditto of 1881 ...	82·5	Ditto ditto of 1881 ...	89
Excess in 1881 ...	·001	Defect in 1881 ...	0·6	Excess in 1881 ...	3

Mean rainfall of 48 years ...	13·94
Actual fall in 1881 ...	19·61
Excess in 1881 ...	5·67

METEOROLOGICAL OFFICE, BENGAL,
The 24th September 1881.

JOHN ELIOT,
Meteorological Reporter to the Govt. of Bengal.

To be substituted for pages 1039 *&* 1040 *of the Supplement to the Calcutta Gazette of the* 28*th September* 1881.

Mean Pressures and Temperatures of the preceding Table reduced to sea-level, with Anemometric Results and Cloud Observations.

	Mean barometric pressure reduced to sea-level.	Mean temperature reduced to sea-level.	Wind. North.	North-east.	East.	South-east.	South.	South-west.	West.	North-west.	Variable.	Calm.	Percentage and resultant.	Mean velocity daily.	Mean clouds.
Sibsagar ...	29·657	84·6	2	9	3	4	18	21	3	1		1	44 S 13° W	53·9	8·84
Dhubri ...	·647	82·3	1	8	7	2	7	4				33	20 S 68° E	52·5	6·98
Silchar ...	·677	82·5	4	3	14	6	6	5	15	9			8 S 74° W	77·1	7·35
Darjeeling ...	—	—	11	2				8	19	1		21	40 N 73° W	12·7	8·97
Purneah ...	·594	84·9		1	45	10	2	1	1	2			81 S 81° E	47·1	5·87
Durbhunga ...	·603	84·5		10	28	16	3	3	2				70 S 78° E	94·7	5·24
Patna ...	·590	84·2	1	9	23	9	7	6	4	3			43 S 72° E	105·1	7·98
Gya ...	·614	84·3		5	8	5		2	14	7		21	10 N 56° W	77·7	10·00
Hazaribagh ...	·596	82·5	3		10	9	12	6	8	9		5	22 S 10° W	186·7	9·15
Berhampore ...	·618	82·2		1	14	6	9	11				21	37 S 29° E	90·3	9·39
Burdwan ...	·610	82·2		2	8	14	22	7	7			2	58 S 12° E	95·1	8·84
Jessore ...	·631	82·3		1	9	13	17	5	2	2		3	58 S 23° E	116·2	9·05
Dacca ...	·652	83·5			3	14	38	5				2	84 S 10° E	150·8	8·66
Chittagong ...	·701	80·6		1	5	20	21	10	3			2	70 S 12° E	123·0	7·55
Demagiri ...	—	—	2	3	6	16	5	6	9	11		4	14 S 10° W	—	2·10
Alipore ...	·620	82·5		2	5	17	47	37	14	2			69 S 16° W	123·6	8·47
Saugor Island...	·619	82·5	1	2	4	19	58	32	4	4			72 S 7° W	275·9	7·62
Cuttack ...	·622	83·5		2		1	6	12	7	2		32	31 S 56° W	22·7	7·82
False Point ...	·626	81·1	1		2	3	14	26	13	1		2	70 S 40° W	216·1	8·56
Vizagapatam ...															
Akyab ...	·734	80·1	1		3	13	26	10	4	2		2	65 S	85·2	8·66
Port Blair ...	·824	80·0				2	3	53	3	1			92 S 44° W	261·5	7·24
						July 1881.									
Port Blair ...	29·823	81·5						61		1			98 S 46° W	354·2	6·98

NOTE.

Barometric Pressure.—The pressures in column 2 of the above table for all stations below 500 feet are reduced from those given in column 3 of the table on the previous page, by adding the weight of a column of air of the temperatures given in column 18. For stations above 500 feet elevation the reduction is made by Captain Allan Cunningham's table, "Prof., Papers on Indian Engineering, No. CXIII." The temperatures at the sea-level are taken from column 3 of the above table.

Temperature.—The temperatures in column 3 are reduced from those in column 18 on the preceding page, by adding 1° Fahrenheit for every 450 feet.

Wind Resultant.—The resultant wind direction and its comparative predominance are calculated from the whole number of wind observations recorded during the month. The relative predominance in the direction of the resultant is given as a percentage of the whole number of observations. The direction is computed in the usual way by Lambert's formula.

Cloud.—This column gives the average proportion of clouded sky, a cloudless sky being indicated by 0, and one completely overcast by 1 0.

The above, being all comparable, afford the data for constructing a meteorological chart for the month, which will show the isobaric and isothermal lines and the resultant wind directions, which last may be represented by arrows of varying length, proportioned to the prevalence of the wind. To these may be added the rainfall from the previous tables.

JOHN ELIOT,
Meteorological Reporter to the Govt. of Bengal.

METEOROLOGICAL OFFICE, BENGAL,
The 24th September 1881.

Results of the Meteorological Observations taken at the Alipore Observatory from 18th to 24th September 1881.

Month.	Date	Maximum in sun.	Mean pressure barometer at 32° Fahr.	Temperature. Mean.	Temperature. Maximum.	Temperature. Range.	Temperature. Minimum.	Hygrometry. Mean wet bulb.	Hygrometry. Vapour tension.	Hygrometry. Dew point.	Hygrometry. Humidity.	Wind. Prevailing direction.	Wind. Miles recorded.	Rain.	Weather.
1881.		⊖	Inches.	⊖	⊖	⊖	⊖	⊖	Inches	⊖	%			Inches	
Sept.	18th	146·2	[illegible]·651	83·7	89·5	11·2	78·3	80·6	1·006	79·4	87	SW and calm. ...	84	not measurable.	Cloudy, *o, g, t, d.*
"	19th	148·7	·565	83·1	89·5	10·4	79·1	79·9	0·979	78·6	87	W ...	91	0·49	Cloudy, ⌓ *o, g, t, d, p, lr.*
"	20th	124·8	·593	81·4	85·6	9·4	76·2	78·8	·951	77·7	89	Calm and variable ...	34	0·03	Cloudy, *o, g, d.*
"	21st	147·5	·666	81·2	87·7	11·1	76·6	78·6	·945	77·5	88	Variable and S ...	66	0·13	Cloudy, ⌓ *o, g, d, p.*
"	22nd	152·2	·745	81·3	86·9	9·5	77·4	78·6	·945	77·5	88	S and SE by E. ...	117	0·16	Cloudy, *p, d, o, lr.*
"	23rd	145·6	·780	82·0	86·8	8·8	78·0	78·8	·943	77·4	86	ESE and S ...	130	0·03	Cloudy, *o, g, d.*
"	24th	149·9	·742	83·0	88·4	10·3	78·1	79·2	·947	77·6	84	S and SSW ...	102	not measurable.	Day partially cloudy, night clear, ⌓.

	Inches.
The mean pressure of the seven days	29·677
The average pressure of the corresponding period for 24 years, S. G. Office ...	29·694
	⊖
The mean temperature of the seven days	82·2
The average temperature of the corresponding period for 24 years, S. G. Office ...	83·0
The extreme variation of temperature during the seven days	13·3
The maximum temperature during the seven days	89·5
	Miles.
The highest velocity of the wind in one hour during the seven days	13
	lb.
The highest pressure of the wind on one square foot during the seven days ...	2
	%
The mean relative humidity during the seven days	87
The average relative humidity of the corresponding period for 24 years, S. G. Office ...	86
	Inches.
The total fall of rain from 13th to 24th September 1881	0·84
The average fall of the corresponding period for 24 years, S. G. Office	2·73
The total fall from 1st January to 24th September 1881	65·95
The average fall of the corresponding period for 24 years, S. G. Office	57·27

The mean pressure, temperature, &c., are deduced from the traces of the barograph and thermograph, and from observations made at 6h, 10h, 16h, and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended [illegible] feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The direction of the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o overcast, *g* gloomy, < lightning, *t* thunder, *d* drizzling rain, ⌓ dew, *p* passing temporary showers, *lr.* lightning reflection.

JOHN ELIOT,
for Meteorological Reporter to the Government of India.

METEOROLOGICAL OFFICE, INDIA,
The 26th September 1881.

Results of the Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 18th to 24th September 1881.

Month.	Date.	Temperature.				Hygrometry.			Rain.
		Mean.	Maximum.	Range.	Minimum.	Vapour tension.	Dew point.	Humidity.	
1881.		⊖	⊖	⊖	⊖	Inches.	⊖	%	Inches.
September ...	18th ...	83·8	91·3	13·0	78·3	·990	78·9	83	0·14
" ...	19th ...	83·0	91·3	11·5	79·8	·935	77·2	81	.....
" ...	20th ...	80·3	85·8	9·0	76·8	·923	76·8	87	0·26
" ...	21st ...	80·3	87·3	8·5	78·8	·932	77·1	88	0·19
" ...	22nd ...	81·7	87·0	9·2	77·8	·930	77·0	85	0·13
" ...	23rd ...	81·5	87·8	9·8	78·0	·931	77·0	85	0·30
" ...	24th ...	83·3	90·3	11·7	78·6	·916	76·6	79	.....

	⊖
The mean temperature of the seven days	82·0
The extreme variation of temperature during the seven days	1·45
The maximum temperature during the seven days	91·3
	%
The mean relative humidity during the seven days	84
	Inches.
The total fall of rain from 18th to 24th September 1881	1·02

METEOROLOGICAL OFFICE, INDIA,
The 26th September 1881.

JOHN ELIOT,
for Meteorological Reporter to the Govt. of India.

Report of Fluctuation of Traffic on the Eastern Bengal Railway for the four weeks ending 20th August 1881.

Report on Goods Traffic for the four weeks ending 20th August 1881.

EASTERN BENGAL RAILWAY COMPANY, TRAFFIC SUPERINTENDENT'S OFFICE, SEALDAH TERMINUS.

Dated Calcutta, the 15th September 1881.

From—C. F. CHADBURN, ESQ., for Traffic Superintendent,

To—G. L. CALDER, ESQ., Acting Agent, Eastern Bengal Railway, Sealdah.

THE usual monthly statement of traffic for four weeks ending the 20th August 1881 is herewith submitted for your information.

From the statement you will observe that a total maundage of 12,46,623 was carried during this period, being an increase of 4,14,774 maunds over the corresponding period last year. This increase is principally due to the large quantities of jute coming into the market, while there has also been a large increase in grain, including rice and miscellaneous goods, the latter especially being noteworthy.

I append the usual remarks on the increases and decreases :—

Increases.

Grain, including rice ... ... Mds. 57,767

As stated in previous report, the market demand for good quality is doubtless the cause of this increase. This demand still continues, large transactions being done in the first qualities of rice.

Jute, in drums ... ... Mds. 2,48,793

The increase in this commodity keeps well up, the crop being an exceptionally good one, and good prices being obtained in the markets accounts for this large and continued increase.

Piece-goods, European ... ... Mds. 6,266

A brisk demand in the up-country bazars accounts for this increase.

Tea, Indian ... ... Mds. 7,592

For some time back no increase has been reported on this staple, the increase now reported is a most satisfactory one.

Miscellaneous goods ... ... Mds. 1,21,353

An increase of this nature does not require much, if any, explanation ; it clearly points to the fact that the extended Railway communications now opened up are affording ample facilities to all class of traders for the extension of various branches of industry throughout the country.

Decreases.

Jute, in bales ... ... Mds. 14,155

This can hardly be reckoned as a decrease, there being an actual increase of fully 2,34,638 maunds on the total quantity of jute carried.

Salt ... ... Mds. 4,552

For some months past the transit of this commodity fluctuates from various causes.

Seeds ... ... Mds. 10,225

This decrease is owing to the nominal prices ruling in the market, and want of demand in home markets, while the local markets are somewhat similar.

EASTERN BENGAL RAILWAY.

Statement showing Increases and Decreases in Maundage of Staples carried over the Line for the four weeks ending 20th August 1881, *as compared with the corresponding period of* 1880.

DESCRIPTION.	Down. 1880.	Down. 1881.	Up. 1880.	Up. 1881.	Total. 1880.	Total. 1881.	Increase.	Decrease.
Ale, beer, wine, &c.	7	.....	1,269	2,064	1,276	2,064	788	.....
Cotton, bundles of	1,635	1,394	130	19	1,765	1,413	.....	352
Do., bales of	.....	.....	640	.....	640	.....	...	640
Grain, including rice	81,116	1,22,805	1,762	17,840	82,878	1,40,645	57,767	.....
Gunny, bundles of	342	4,037	1,649	1,772	1,991	5,809	3,818	.....
Do., bales of	8,836	8,014	37	174	8,873	8,188	.....	685
Hides, bundles of	7,330	7,792	80	20	7,410	7,812	402	.....
Do., bales of	656	.....	.....	.....	656	.....	.....	656
Jute, drums of	4,11,492	6,63,928	3,939	96	4,15,231	6,64,024	2,48,793	.....
Do., bales of	33,731	19,576	.....	.....	33,731	19,576	.....	14,155
Piece-goods, European	.....	170	21,998	28,094	21,998	28,264	6,266	.....
Ditto, Indian	322	165	.....	.....	322	165	.....	157
Railway material, foreign	.....	.....	4,609	4,152	4,609	4,152	.....	457
Salt	.....	.....	85,522	80,970	85,522	80,970	...	4,552
Seeds	44,535	35,015	1,871	1,166	46,406	36,181	.....	10,225
Sugar	3,322	5,112	3,177	2,372	6,499	7,484	985	.....
Tea, European	.....	.....	131	.....	131	.....	.....	131
Do., Indian	27,232	34,814	...	10	27,232	34,824	7,592	.....
Tobacco, bundles of	27,540	26,273	324	497	27,864	26,770	.....	1,094
Do., bales of	531	.....	.....	.....	531	.....	.....	531
Turmeric	816	506	125	62	941	568	.....	373
Twist, European	.....	72	4,075	4,328	4,075	4,400	325	.....
Do., Indian	1,347	2,040	.....	.....	1,347	2,040	693	.....
Miscellaneous	10,998	31,023	38,923	1,40,251	49,921	1,71,274	1,21,353	.....
Total ...	6,61,788	9,62,736	1,70,061	2,83,887	8,31,849	12,46,623	4,48,782	34,008
						8,31,849	34,008	.....
Increase ...						4,14,774	4,14,774	.....

Report on the Fluctuations in Traffic on the Northern Bengal State Railway for the month of August 1881.

GENERAL REMARKS.

On reference to the Comparative Statement below, it will be observed that the results of the month's working show a large increase in almost every description of traffic. The net increase is 1,30,375 maunds over and above the weight hauled in the same month last year, which, to say the least is satisfactory.

INCREASES.

Ale ... ... Mds. 552

This increase is probably due to winter despatches for the Convalescent Depôt at Darjeeling.

Food-grain ... ... Mds. 9,583

There still exists a brisk demand at Calcutta for shipment to foreign ports, and hence despatches from our stations are steady.

Gunny-bags ... ... Mds. 4,018

During the corresponding month last year only 854 maunds of this staple were carried. The low price, and large quantity of the raw stuff available, has no doubt had a stimulating effect on this traffic.

Jute ... ... Mds. 69,923

This large increase is worthy of attention, for it is no doubt due to the reduced rate of $\frac{3}{8}$ pie which was introduced from 1st July last. During the same month last year only 18,272 maunds were hauled.

Piece-goods ... ... Mds. 9,482

The Poojah season is approaching, and mofussil merchants are making all endeavours to replenish stocks.

Railway materials ... ... Mds. 15,424

This increase is due to material being sent forward for the Mogul Hât extension.

Salt ... ... Mds. 7,392

As pointed out in the last report, the dry weather prevailing has led to the railway being used instead of boats.

Sugar ... ... Mds. 446

With the exception of 29 maunds downards, the despatches in this staple are all upwards, and hence must be intended for local consumption.

Tea ... ... Mds. 2,347

The increase in the despatches of this article will continue so long as the weather and prices remain favourable.

Tobacco ... ... Mds. 504

From the beginning of the year despatches in this staple have been small, and the improvement now noticed is due to this cause.

All other goods ... ... Mds. 10,922

The traffic in the miscellaneous articles carried under this head appears to be steadily on the increase.

DECREASES.

Ginger .. .. Mds. 218

It is satisfactory to note that the only decrease is in this staple, for which at present there is no demand.

Statement showing Increases and Decreases in maundage of Staples carried over the Line during the month of August 1881.

STAPLES.	1880.		1881.		Total in 1880.	Total in 1881.	Increase in 1881.	Decrease in 1881.
	Up.	Down.	Up.	Down.				
Ale	778	.....	1,330	.....	778	1,330	552	.....
Food-grains	7,303	41,597	14,685	43,798	48,900	58,483	9,583	.....
Ginger	.....	523	6	299	523	305	.....	218
Gunny-bags	702	152	569	4,303	854	4,872	4,018	.....
Jute	.....	18,272	38	88,157	18,272	88,195	69,923	.....
Piece-goods	5,726	40	15,208	40	5,766	15,248	9,482	.....
Railway materials	22,990	3,289	35,373	6,330	26,279	41,703	15,424	.....
Salt	26,416	288	34,996	.....	26,704	34,096	7,392	.....
Sugar	1,633	.....	2,050	29	1,633	2,079	446	.....
Tea	.....	13,297	.....	15,644	13,297	15,644	2,387	.....
Tobacco	319	25,035	107	25,751	25,354	25,858	504	.....
All other goods	19,267	4,773	26,070	8,892	24,040	34,962	10,922	.....
Total ...	85,134	1,07,266	1,29,532	1,93,243	1,92,400	3,22,775	.....	.....

TRAFFIC SUPERINTENDENT'S OFFICE, *Saidpur, the 14th August* 1881.

G. S. LEONARD, *Offg. Traffic Superintendent.*

Report of Fluctuation of Traffic on the Tirhoot State Railway for the month of August 1881.

THE total quantity of goods carried during the month of August 1881 aggregated maunds 2,03,123, as compared with maunds 1,57,322 carried during the corresponding period of 1880, and maunds 2,10,574 carried during the previous month, showing an increase of maunds 45,801 in the one case, and a decrease of maunds 7,451 in the other.

Of the several increases and decreases, the following are the prominent ones, and worthy of separate explanation :—

INCREASES.

	Mds.
Iron.—This consists chiefly of import traffic, and the increase is due to additional local works, such as building of sheds and tramways by indigo concerns and other works requiring iron, both in Durbhunga and Mozufferpore districts	1,565
Lime and Kunkur.—This is an export traffic from Somastipur, where it is gathered from the river Gunduck, and is exported to Durbhunga for Maharajah's palace and jail. Increase under this head has proved most satisfactory during the last half-year, and a further increase is anticipated	6,751
Railway Materials.—Previous month's remarks are applicable to this	17,262
Salt.—Since the reduction of rate, this traffic is in a continual state of increase, but the business done during the month in this staple is much more than what was expected, and this can be attributed to the recent explanation of the advantages of the Railway given to merchants by the Traffic-searching Department	12,594
Sundries.—This is composed of miscellaneous articles, such as firewood, bamboos, &c., and hence it cannot be closely defined. The increase is steady and satisfactory	18,673
Timber.—This is exported by H. Dear & Company, who have a large depôt at Somastipur ...	5,059
Tobacco.—This is out of season, and what was stored by merchants with the hope of getting better prices	3,889

DECREASES.

Chillies.—As fresh chillies are available in markets, the demands for dry chillies has decreased	1,135
Coal.—The manufacturing of indigo is gradually coming to an end, and the requirement is decreasing accordingly	3,559
Gunny-bags, empty.—As the report of food-grains and seeds (oil) has been little during the month, this traffic has fallen	1,274
Saltpetre.—Previous remarks are applicable to this also	2,738
Oil-cake. } There being no demand owing to foreign markets being overstocked ...	4,137
Turmeric. }	1,128

TIRHOOT STATE RAILWAY.

TRAFFIC DEPARTMENT.

Statement showing Increases and Decreases in Maundage of Principal Staples carried over the Line during the month of August 1881, *as compared with the corresponding period of* 1880.

STAPLES.	1881.		1880.		Total.		Increase.	Decrease.
	Up.	Down.	Up.	Down.	1881.	1880.		
Ale, spirits, and wine	633	10	1,506	10	643	1,516	.....	873
Betel-nuts	462	27	1,073	65	489	1,138	.....	649
Brass, bell-metal, and copper-ware	508	35	864	45	543	909	.....	366
Bullion or specie	4	18	.....	45	22	45	.....	23
Chillies	.....	155	2	1,288	155	1,290	.....	1,135
Coal	2,493	.....	5,812	240	2,493	6,052	.....	3,559
Cotton	1,210	9	1,422	12	1,219	1,434	.....	215
Food-grains	11,440	21,091	7,443	25,800	32,531	33,243	.....	712
Fruits, fresh	5	33	108	164	38	272	.....	234
Do., dry	2	3	24	.....	5	24	.....	19
Garlic or lussoon	.....	363	77	1,240	363	1,317	.....	954
Ghee	54	1,046	24	248	1,100	272	828	.....
Ginger	46	301	.....	1,356	347	1,356	.....	1,009
Gunny-bags, empty	1,816	196	1,860	1,426	2,012	3,286	.....	1,274
Hides and horns	8	1,834	4	2,116	1,842	2,120	.....	278
Iron	2,325	253	954	59	2,578	1,013	1,565	.....
Jaggree	94	14	919	59	108	978	.....	870
Lime and kunkur	6,954	115	318	.....	7,069	318	6,751	.....
Luggage	9	3	23	7	12	30	.....	18
Oil	388	81	293	35	469	328	141	.....
Oil-cakes	.....	2,106	.....	6,243	2,106	6,243	.....	4,137
Oilman's stores	140	45	326	5	185	331	.....	146
Piece-goods, English	3,877	.....	2,899	2	3,877	2,901	976	.....
Ditto, country	6	30	395	56	36	451	.....	415
Potatoes	177	71	34	54	248	88	160	.....
Railway materials	17,053	209	.....	.....	17,262	.....	17,262	.....
Salt	39,588	3,005	24,308	5,691	42,593	29,999	12,594	.....
Saltpetre	47	2,989	852	4,922	3,036	5,774	.....	2,738
Seeds, oil	187	38,540	1,561	36,683	38,727	38,244	483	.....
Do., indigo	.....	331	574	.....	331	574	.....	243
Do., other than food-grains ...	418	76	51	1,292	494	1,343	.....	849
Spices	19	.....	229	.....	19	229	.....	210
Stones, stone-ballast, and wares ...	228	.....	270	110	228	380	.....	152
Sugar	61	329	65	699	390	764	.....	374
Sundries	10,656	12,836	1,637	3,182	23,492	4,819	18,673	.....
Timber	6,719	.....	1,362	298	6,719	1,660	5,059	.....
Tobacco	70	9,054	587	4,648	9,124	5,235	3,889	.....
Turmeric	14	204	4	1,342	218	1,346	.....	1,128
Total ...	1,07,711	95,412	57,880	99,442	2,03,123	1,57,322	68,381	22,580
					1,57,322		22,580	
Increase ...					45,801		45,801	

SOMASTIPUR, *the 7th September* 1881.

G. GRAHAM, *Offg. Traffic Superintendent.*

Report of Fluctuation of Traffic on the Patna-Gya State Railway for the month of August 1881.

THE total quantity of goods carried during the month of August 1881 aggregated 66,901 maunds, as compared with 70,813 maunds carried during the corresponding period of 1880, and 91,562 maunds carried during the previous month, showing a decrease of 3,912 maunds in the one case, and 24,661 maunds in the other.

Of the several increases and decreases, the following are the prominent ones, and worthy of separate explanation :—

INCREASES.

	Mds.
Coal.—The increase solely depends upon requirements of Engineering and Road Cess Departments ...	1,813
Iron.—The above remark is applicable to this also	1,997
Salt.—Reduction in the East Indian Railway rate has encouraged this traffic, and a further increase may be anticipated when the Traffic-searching Department will be duly organized ...	5,026
Sundries.—This increase is steady and satisfactory	7,279

DECREASES.

Food-grains.—Previous month's remarks are applicable to this partly, but owing to heavy rains and no outward good-sheds at Gya, this decrease has been greater than it would have been otherwise	10,199
Saltpetre.—The business under this head during the past month amounts to *nil*. No transaction in saltpetre has been done during the month	5,879
Stone, stone-ballast and wares } Due to there being no demand of stones or timber during the month.	1,284
Timber }	1,339

PATNA-GYA STATE RAILWAY.

TRAFFIC DEPARTMENT.

Statement showing Increases and Decreases in Maundage of Principal Staples carried over the Line during the month of August 1881, *as compared with the corresponding period of* 1880.

STAPLES.	1881.		1880.		Total.		Increases.	Decreases.
	Up.	Down.	Up.	Down.	1881.	1880.		
Ale, spirits, and wine...	46	.....	352	5	46	357	.....	311
Betel-nuts	142	.....	680	52	142	732	.....	590
Brass, bell-metal, and copper-ware	219	2	140	.....	221	140	81	.....
Bullion	.....	.....	.....	50	.....	50	.....	50
Chillies	1,074	.....	1	857	1,074	858	216	.....
Coal	7,860	12	6,037	22	7,872	6,059	1,813	.....
Cotton	1,015	.....	299	.....	1,015	299	716	.....
Food-grains	1,907	14,773	3,894	22,985	16,680	26,879	.....	10,199
Fruits, fresh	18	.....	119	18	18	137	.....	119
Do., dry	8	.....	30	8	8	38	.....	30
Garlic or lussoon	112	.....	66	.....	112	66	46	.....
Ghee	699	.....	585	23	699	608	91	.....
Ginger	26	.....	56	.....	26	56	.....	30
Gunny-bags (empty)...	230	253	320	481	483	801	.....	318
Hides and horns	.....	1,137	14	612	1,137	626	511	.....
Iron	2,650	94	381	366	2,744	747	1,997	.....
Jaggree	524	481	1,385	390	1,005	1,775	.....	770
Lime and kunkur	.....	.....	271	574	.....	845	.....	845
Luggage	23	97	191	187	120	378	.....	258
Oil	110	.....	110	46	110	156	.....	46
Oil-cakes	.....	.....	4	545	.....	549	.....	549
Oilman's stores...	2	.....	88	.....	2	88	.....	86
Piece-goods (English)	1,105	6	668	.....	1,111	688	443	.....
Ditto (country)	78	21	308	56	99	364	.....	265
Potatoes	.....	.....	65	27	.....	92	.....	92
Salt	11,838	8	6,581	239	11,846	6,820	5,026	.....
Saltpetre	.....	.....	223	5,656	.....	5,879	.....	5,879
Seeds, oil	1,000	6,299	221	6,352	7,299	6,573	726	.....
Do., indigo	49	.....	52	52	49	104	.....	55
Do., other than food-grains ...	666	34	265	34	700	299	401	.....
Spices	293	.....	344	2	293	346	.....	53
Stones, stone-ballast, and wares ...	59	1	1,115	229	60	1,344	.....	1,284
Sugar	396	56	245	11	452	256	196	.....
Sundries	4,513	5,780	1,425	1,589	10,293	3,014	7,279	.....
Timber	.....	162	1,370	131	162	1,501	.....	1,339
Tobacco	1,017	6	764	139	1,023	903	120	.....
Turmeric	.....	.....	373	33	.....	406	.....	406
Total ...	37,679	29,222	29,042	41,771	66,901	70,813	19,662	23,574
						66,901		19,662
Decrease ...						3,912		3,912

SOMASTIPUR, *the 8th September* 1881.

G. GRAHAM, *Offg. Traffic Superintendent.*

Weekly Return of Traffic Receipts on Indian Railways

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 17th September 1881 *on* 1,504½ *miles open.*

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Traffic Train-miles run.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	144,923	1,84,797 4 0	20,52,286 30	7,05,758 10 0	8,504 9 9	8,99,060 7 9	46,573½	135,309	181,882½
Or per mile of railway	.....	122 13 7	.....	469 2 10	5 10 6	597 10 11	.....	.....	.....
For previous 10 weeks of half-year	1,571,820	19,50,082 2 9	1,74,82,898 10	54,90,459 2 2	1,22,438 14 4	75,62,980 3 3	488,903½	1,074,440½	1,563,344½
Total for 11 weeks ...	1,716,813	21,34,879 6 9	1,95,35,185 0	61,96,217 12 2	1,30,943 8 1	84,62,040 11 0	535,477½	1,209,749½	1,745,227
COMPARISON.									
Total for corresponding week of previous year	179,266	2,49,821 6 10	15,32,497 30	4,84,282 15 3	10,740 13 0	7,44,845 3 1	48,114	89,507	137,621
Per mile of railway corresponding week of previous year ...	.....	165 12 0	.....	321 4 10	7 2 0	494 2 10	.....	.....	.....
Total to corresponding date of previous year	1,583,935	19,33,205 3 3	1,60,21,310 30	47,13,030 10 6	1,37,951 11 11	68,34,187 9 8	545,297	895,054	1,440,351

EASTERN BENGAL RAILWAY.

Approximate Return of Traffic for week ended 17th September 1881 on 171¾ miles open.

	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings (estimated).	Total earnings.	Total Train-miles run.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	33,590	23,233 0 0	3,64,380 0	1,28,850 0 0*	297 0 0	1,52,400 0 0	5,766½	12,377½	18,144½
Or per mile of railway	196	135 6 3	2,121 23	750 3 6	1 11 8	887 5 5	.....	.....	.....
For previous 11 weeks of half-year	414,736	2,58,370 0 0	31,61,152 0	10,04,166 0 0	3,887 0 0	12,66,423 0 0	59,528½	106,668½	166,197
Total for 12 weeks ...	448,326	2,81,623 0 0	35,25,532 0	11,33,016 0 0	4,184 0 0	14,18,823 0 0	65,295	119,046½	184,341½
COMPARISON.									
Total for corresponding week of previous year	33,985½	25,324 0 0	4,02,451 0	1,51,405 0 0	658 0 0	1,77,387 0 0	5,689½	13,966½	19,656½
Per mile of railway corresponding week of previous year ...	198	147 7 2	2,341 31	881 8 8	3 13 4	1,032 13 2	.....	.....	.....
Total to corresponding date of previous year	408,011	2,48,481 0 0	30,18,341 0	9,70,115 0 0	4,850 0 0	12,23,446 0 0	65,219½	108,594½	173,813½

* Rs. 160 included on account carriage of Revenue stores.

BENGAL PROVINCIAL RAILWAYS.

Weekly Statement of Traffic Receipts. 30.

Latest return received.	Name of Railway.	Length open.	Receipts for week ending		Total receipts from 1st January		Total increase in 1881.	Total decrease in 1881.	Percentage of increase or decrease.
			7th August 1880.	6th August 1881.	To 7th August 1880.	To 6th August 1881.			
1881.		Miles.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
3rd September ...	Northern Bengal ...	230	23,059 0 0	29,663 0 0	8,62,157 0 0	9,51,667 0 0	89,510 0 0	.....	+10
20th August ...	Tirhoot	82	8,597 0 0	8,166 0 0	3,27,661 0 0	3,59,932 0 0	32,271 0 0	.....	+10
20th do. ...	Patna-Gya ...	57	4,725 0 0	6,178 0 0	2,57,545 0 0	2,83,214 0 0	25,669 0 0	.....	+10
17th September...	Calcutta and South-Eastern	28	1,710 0 0	1,938 0 0	85,430 0 0	95,050 0 0	9,620 0 0	.....	+11
20th August ...	Nalhati	27¼	839 0 0	972 0 0	46,943 0 0	40,249 0 0	.....	5,794 0 0	−13
	Total ...	424¼	38,930 0 0	46,917 0 0	15,78,836 0 0	17,30,112 0 0	1,51,276 0 0	.....	+10

BENGAL PROVINCIAL RAILWAYS.

Weekly Statement of Traffic Receipts. No. 31.

Latest return received.	Name of Railway.	Length open.	Receipts for week ending		Total receipts from 1st January		Total increase in 1881.	Total decrease in 1881.	Percentage of increase or decrease.
			14th August 1880.	13th August 1881.	To 14th August 1880.	To 13th August 1881.			
1881.		Miles.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.	
3rd September...	Northern Bengal ...	230	20,788 0 0	31,287 0 0	8,82,945 0 0	9,82,954 0 0	1,00,009 0 0	.....	+11
20th August ...	Tirhoot	82	9,287 0 0	7,747 0 0	3,36,949 0 0	3,67,679 0 0	30,730 0 0	.....	+9
20th „ ...	Patna-Gya	57	5,404 0 0	5,992 0 0	2,62,949 0 0	2,89,206 0 0	26,257 0 0	.....	+10
17th September...	Calcutta and South-Eastern	28	2,117 0 0	2,226 0 0	87,546 0 0	97,276 0 0	9,730 0 0	.....	+11
20th August ...	Nalhati	27¼	896 0 0	1,045 0 0	46,939 0 0	41,294 0 0	.....	5,645	−12
	Total ...	424¼	38,492 0 0	48,297 0 0	16,17,328 0 0	17,78,409 0 0	1,61,081 0 0	.....	+10

BENGAL PROVINCIAL RAILWAYS.

Weekly Statement of Traffic Receipts. No. 32.

Latest return received.	Name of Railway.	Length open.	Receipts for week ending		Total receipts from 1st January		Total increase in 1881.	Total decrease in 1881.	Percentage of increase or decrease.
			21st Aug. 1880.	20th Aug. 1881.	To 21st Aug. 1880.	To 20th Aug. 1881.			
1881.		Miles.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
3rd September ...	Northern Bengal	230	21,538 0 0	33,735 0 0	9,04,483 0 0	10,16,689 0 0	1,12,206 0 0	.....	+12
20th August ...	Tirhoot ...	82	6,796 0 0	7,979 0 0	3,43,745 0 0	3,75,658 0 0	31,913 0 0	.....	+9
20th do. ...	Patna-Gya ...	57	8,691 0 0	6,652 0 0	2,71,640 0 0	2,95,858 0 0	24,218 0 0	.....	+9
17th September ...	Calcutta and South-Eastern.	28	2,221 0 0	2,034 0 0	88,767 0 0	99,310 0 0	9,543 0 0	.....	+10
20th August ...	Nalhati ...	27¼	1,453 0 0	1,114 0 0	48,393 0 0	43,408 0 0	.....	5,985 0	−12
	Total ...	424¼	40,699 0 0	51,514 0 0	16,58,028 0 0	18,29,923 0 0	1,71,895 0 0	.....	+10

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RESOLUTION ON THE REPORT BY THE SANITARY COMMISSIONER FOR BENGAL, ON VACCINATION, DURING THE YEAR 1880-81.

MEDICAL AND MUNICIPAL DEPARTMENTS—MEDICAL.

Calcutta, the 30th September 1881.

RESOLUTION.

READ—

The Report by the Sanitary Commissioner for Bengal, on Vaccination, during the year 1880-81.

Read also—

The Report of the year 1879-80, and the orders of Government recorded thereon.

The orders of the Government of India, directing that the supervision of the Vaccination Department should form one of the duties of the Sanitary Commissioner, were carried into effect in Bengal on the 3rd May 1880, when Dr. Lidderdale took charge of the department from the Surgeon-General. The report for the year 1879-80 was not received until six months after the close of the year; but as the department had during the year been in charge of the Surgeon-General, it was considered desirable that he should write the report. The present report for the year 1880-81 is thus the first submitted under the new arrangement. The report which is dated the 30th July was written by the Sanitary Commissioner, Dr. Lidderdale, before he proceeded on leave, but it only reached Government on the 17th August.

2. The following were the chief features of the operations of the department during the past year. In the metropolitan circles the licensed system was more strictly enforced and localized, and the system was extended to the districts of Julpigoree and Pubna in the Darjeeling and Eastern Bengal Circles respectively, an additional area of 4,884 square miles and a population of 1,630,259 being thus brought within the range of the licensed agency. In addition to this, systematic vaccination by Government agency was extended to the Terai, to five thanas in the Purneah district, six thanas in Mymensingh, and three thanas in Patna, the total area of the tracts brought within the operations of the Government agency being 5,260 square miles, and the total population 2,354,615. Including the operations of both systems protection was thus offered during the past year to an additional area of 10,144 square miles and an additional population of 3,984,874. The total number of operations performed by the department or under its supervision and authority was 1,394,312, as compared with 1,742,995 in 1879-80, 1,315,884 in 1878-79, and 1,285,301 in 1877-78, so that although there was a falling off as compared with 1879-80, the total outturn of work was better than in either of the two preceding years. Of the whole number of operations 803,545 were performed by licensed vaccinators, 535,467 by the Government staff, and 55,300 by municipal and dispensary vaccinators. There is no doubt also a good deal of vaccination performed by unlicensed practitioners not under the control or supervision of the Vaccination Department, but the work of these unauthorized operators is generally of such an unsatisfactory character that it serves rather as a hindrance than as an aid to the operations of the department. As, however, has already been explained in the Government orders of the 7th May 1879, it is impossible for Government to interfere with unlicensed vaccinators. If the licensed vaccinators do their work well and only take the authorized fees they should have a great advantage over unlicensed practitioners.

3. The following statement shows the total number of operations performed in each of the past three years in each of the vaccination circles, and in dispensaries and municipalities :—

	1878-79.	1879-80.	1880-81.
Calcutta	17,896	12,397	6,085
Suburbs	44,935	25,395	15,691
Metropolitan circles	394,186	625,388	384,216
Darjeeling „	259,857	373,549	344,071
Ranchi „	153,586	164,808	147,694
Sonthal Pergunnahs „	40,229	113,953	87,872
Eastern Bengal „	225,802	306,066	294,540
Orissa „	34,612	43,733	44,507
Behar „	11,959	11,061	14,336
Dispensaries and municipalities	122,822	66,645	55,300
Total ...	1,315,884	1,742,995	1,394,312

As compared with 1879-80, there was thus a decrease in dispensary and municipal vaccinations, and also in the number of operations in each circle except those of Behar and Orissa; as compared with the year 1878-79 there was an increase in the Darjeeling, Sonthal Pergunnahs, Eastern Bengal, Orissa and Behar Circles, against a decrease in the Metropolitan and Ranchi Circles, in Calcutta and the Suburbs, and in dispensary and municipal vaccination. The causes of the decrease in the operations of the department, as compared with the previous year (1879-80), are thus summarized by the Sanitary Commissioner :—For the Metropolitan Circle—epidemic prevalence of fever; sickness among the establishment, paucity of unprotected children, and difficulty in procuring vaccinifers; for the Darjeeling Circle—sickness of establishment from the Superintendent downwards, strenuous opposition, and unhealthiness of the district; for the district of Purneah—the practice of inoculation in the district, and sparseness of population in Phansedewa, one of the tracts within the area of active operations during the year; for the Sonthal Pergunnahs Circle—non-receipt of returns from eleven of the licensed vaccinators, lessening of the

area of operations, the Sonthal disturbance, refusal of assistance for the promotion of vaccination by the civil authorities and zemindars, and paucity of unprotected children; for the Ranchi Circle—non-receipt of returns of a large number of operations performed by some of the licensed vaccinators at Hazaribagh, and opposition offered to vaccination by the Rajahs of Jushpore and Korea; for the Eastern Bengal Circle—the difficulty that always attends the attainment of success in a new area brought for the first time under operation, insufficiency of the staff for the scattered population of the new area, detachment of part of the establishment for the suppression of small-pox in districts distant from the area in which they would otherwise have been employed, and opposition of the Ferazis of whom there are a large number in Mymensingh and Backergunge; for the Suburbs of Calcutta—diminished activity of inland emigration, and absence of epidemic outbreaks of small-pox which induce people through fear to resort to vaccination; for Calcutta—the cause last mentioned, and the prevalence of measles during January, February, and March 1881 when vaccination could not be well pushed on.

4. The total number of operations reported to have been successful in 1880-81 was 1,363,925, against 1,689,590 in 1879-80, and 1,251,936 in 1878-79. The percentage of successful cases in primary vaccination, excluding municipal and dispensary vaccination, was 98·60, against 98·05 in 1879-80, and 98·49 in 1878-79. The proportion was highest in the Metropolitan and Eastern Bengal Circles, and in the Suburbs of Calcutta, where it was 99·66, 99·65, and 99·56, respectively; the rate was lowest in the Ranchi Circle, where it was 93·50. In secondary vaccinations, the recorded ratio of success was 30·05, against 20·91 in 1879-80, and 46·89 in 1878-79. It is quite clear, as noticed by the Sanitary Commissioner, that some of the figures under this head are altogether worthless. In the Ranchi Circle, the success in secondary operations is actually shown as greater than in primary operations, and in the Sonthal Pergunnahs, the proportion of successful secondary operations to the total number of such operations is entered at 94·62 per cent. With such figures as these before him, it is difficult for the Lieutenant-Governor to place much reliance on the returns furnished by the same operators of their success in primary vaccination. All that can be said of those returns is that they are not inherently improbable, and do not bear on their face the evidence of their own untrustworthiness. The figures for Calcutta and the Suburbs can probably be depended upon, and these show respectively 8·06 and 17·85 as the percentage of successful operations in secondary vaccinations.

5. The average number of operations performed by each vaccinator during 1880-81, was 1,256 against 1,443 in 1879-80, and 1,191 in 1878-79. Increased work was performed by each operator in the Sonthal Pergunnahs, Orissa, and Behar Circles, but in all the other circles there was a decrease. The average number of operations performed by each vaccinator was highest in the Darjeeling and Eastern Bengal Circles where it was 1,870 and 1,721 respectively, and lowest in Calcutta where it was only 434. In the Suburbs the average number of operations per vaccinator was 1,207.

6. The sex of 1,394,080 of the persons vaccinated was registered. Of these 730,685 were males, and 663,395 females, giving a percentage of 52·41 males to 47·59 females Of the total number (1,360,038) of successful primary operations, only 166,853 were performed on children under one year of age, 824,358 on children between one year and six years old, and 368,827 on children above six years of age and adults. The circles in which the number of children vaccinated bore the highest proportion to the total number of vaccinations were Calcutta, the Suburbs, and Ranchi, where 43·84, 24·20, and 27·39 per cent. respectively of those operated on were below one year of age. The high percentage in Calcutta is especially noteworthy, as the operations were conducted during part of the year under a new system introduced in accordance with the provisions of the Bengal Vaccination Act, V (B.C.) of 1880. It appears, however, from the table given in paragraph 21 of the report that even in the tracts in which the best protection is afforded to infants only a small proportion of the children born are vaccinated in the first year after their birth. Taking the birth-rate at so low an estimate as 30 per thousand of the population, the number of infants under one year of age vaccinated in the year was only 13·94 per cent. of the number born in the areas under

operation. In the Ranchi Circle where the percentage was highest it was 37·4, in the Suburbs of Calcutta it was 26·78, in the Darjeeling Circle 18·63, and in Calcutta 17·32. In Orissa where vaccination has been much neglected the percentage was only 3·42.

7. The total number of villages visited by officers of the Vaccination Department during the year was 21,628, while the number of cases inspected was 918,049 out of 1,326,628 cases within the area of inspection. Of vaccinations performed by the paid staff, 56·79 per cent. were inspected, the percentage being highest in the Sonthal Pergunnahs where it was 80·28, and lowest in Eastern Bengal where it was only 44·61. Except in the Metropolitan Circles, where the proportion of inspections to the total number of vaccinations was 123·27 per cent., the duty of inspection was very insufficiently performed in the circles in which the system of licensed vaccination was in force. In the Sonthal Pergunnahs only 47·82 per cent. of the operations of licensed vaccinators were inspected, in the Ranchi Circle only 46·20, in the Darjeeling Circle only 33·24, and in Eastern Bengal only 18·99 per cent. The Deputy Superintendent of the latter circle appears to have altogether neglected the duties of his office; but it is unnecessary for the Lieutenant-Governor to say here anything more upon the subject, as a special report is to be submitted by the Superintendent to the Sanitary Commissioner. The punishment of degradation to a lower grade inflicted on the head vaccinator in the Eastern Bengal Circle, who submitted false returns and fictitious statements of inspections and concealed extortion on the part of one of his subordinates, appears to the Lieutenant-Governor to be wholly inadequate. If the offences charged were all clearly proved, the man should be dismissed. The vaccinator against whom a charge of extortion is reported to have been established should also be discharged, unless there were some circumstances connected with the case that are not mentioned in the report. So much of the work of the vaccination staff is necessarily without supervision, that when offences are detected they must be severely punished. The Lieutenant-Governor agrees with the Sanitary Commissioner that the Superintendent of the Orissa Circle, Assistant Surgeon Prisitosh Haldar, did not sufficiently exert himself to meet the outbreak of small-pox in the Orissa Division during the year 1880-81. The Sanitary Commissioner should report whether he considers the Assistant Surgeon qualified for his present post.

8. The total cost of the Vaccination Department in the year 1880-81 was Rs. 1,11,066, as compared with Rs. 1,20,018 in the previous year. Of the former sum, Rs. 61,550 represents the cost of the Government vaccination staff, Rs. 42,375 the cost of supervision and other charges incurred in connection with the system of licensed vaccination, and Rs. 7,141 the expenditure on vaccination in municipalities and dispensaries. The average cost of each successful operation in the province was 1 anna 3 pies against 1 anna 1½ pies in 1879-80, and 1 anna 6 pies in 1878-79. The average cost of each operation by the Government staff was 1 anna 10¾ pies, of each operation by the licensed agency 10¼ pies, and of each operation in dispensaries and municipalities 2 annas 3¾ pies. The cost of each successful case in Calcutta was 14 annas 10 pies, in the suburbs 6 annas 10 pies, in Behar 5 annas 1 pie, in Orissa 2 annas 1 pie, in the Metropolitan Circles 1 anna 5¼ pies, in the Ranchi Circle 1 anna 2 pies, in the Sonthal Pergunnahs 1 anna 1⅕ pies, in the Darjeeling Circle 1 anna 0⅓ pies, and in the Eastern Bengal Circle 7½ pies. The general increase in the average cost of operations in the past year as compared with 1879-80 is due to the distribution of the charges for establishment over a smaller number of operations; for although the gross cost of the department was lower last year than in the previous year, the proportion of decrease to the total cost was far below the proportion of decrease in operations to the total operations of the department.

9. There are indications in the reports of the year that the attitude of the people towards vaccination is improving throughout the province, as well as in Calcutta and the Suburbs where a law making vaccination compulsory has been successfully introduced with the approval of the public. There are still, however, many instances in which extravagant beliefs and prejudices are held against vaccination, and the names of several persons of influence and position are mentioned in the report as opponents of the work of the department.

The Sanitary Commissioner should inform the Inspector-General of Police of the nature of the opposition offered by Mofut Hossein, Inspector of the Colgong thana, and the matter will then be properly enquired into and dealt with. It would seem, from the abstract of the Superintendent's report, that the inspector was passively indifferent rather than actively opposed to the operations of the department. All cases of opposition by the police should be at once brought to the notice of the Magistrate by the local officers of the Vaccination Department. The thanks of Government are due to the zemindars Gopendra Nath Chowdhri of Purchetgurh and Kaliporosonno Gojendra Mohapatro of Khemdroee, to Ali Jan Meah and Baboos Shamachurn Ruth and Ajudhya Nath Koila of Midnapore, to Ajijar Rahman of Chanderdhai in Purneah, and to Baboos Modhosudan Sing, Lakhicharn Mondal, and Amar Nath Sing, zemindars in the Banka subdivision, for the assistance given by them to the operations of the department. It is satisfactory to learn that the Maharajah of Shusung asked last year that vaccination might be introduced in his estate, and the Lieutenant-Governor trusts that the example set by him and the other gentlemen named above will be followed by other zemindars and persons of influence throughout the country. In order to break down the opposition offered at the village of Jhalda in Manbhoom, the Deputy Commissioner, Mr. A. L. Clay, caused himself to be vaccinated, and then went from house to house and induced the people to be operated upon. The attention of Commissioners of Divisions will be drawn to the remarks of the Sanitary Commissioner in the body of his report as well as in the appended abstracts regarding the zemindars and others who obstructed vaccination operations during the past year. Local officers should impress the advantages of vaccination upon influential landholders in their jurisdiction, and should use all legitimate means to persuade the people to accept the services of the vaccination staff. The Commissioner of Chota Nagpore will be requested to submit a special report regarding the chiefs and zemindars mentioned in paragraph 79 of the abstract.

10. Act IV (B.C.) of 1865, prohibiting the practice of inoculation, was last year extended to the Darjeeling Terai, six thanas in Purneah, the town of Pooree, six thanas in Mymensing, and four thanas in Patna, and since the close of the year the Act has been introduced into seven more thanas in the Purneah district. The Sanitary Commissioner should submit in a separate report his proposals for the gradual extension of the Act to the whole of the Orissa Circle, as well as the proposal for shortening the channel of communication between himself and the Superintendent of the Orissa Circle. Such suggestions should not be scattered casually about the report and its appendices, for it is impossible for the Lieutenant-Governor to deal with them satisfactorily when reviewing the annual administration report of a department. The Compulsory Vaccination Act V (B.C.) of 1880 came into operation in Calcutta and the Suburbs and in the Port of Calcutta on the 17th May 1880, and the arrangements made for its introduction and working have already been noticed by the Lieutenant-Governor in his review of the Health Officer's report appended to the report of the Calcutta Municipality for the past year. Since the close of the year the Act has been extended to the municipalities of Rampore Beauleah, Rungpore, Hooghly and Chinsurah, and Soory. The arrangements for working the Act in Calcutta and the Suburbs are under the Corporation and the Suburban Municipality respectively, each of which receives the receipts and has to bear the expenditure under the Act. The vaccine operations in Calcutta are under the control and supervision of the Health Officer, and in the Suburbs under the Superintendent of Vaccination of the Metropolitan Circles. The recorded deaths from small-pox in 1880-81 in the area under the operations of the Vaccination Department in the several vaccination circles were ·30 per thousand of the population, while in the area not under operation in the same districts the mortality was ·67 per thousand.

11. In accordance with instructions recently received from the Government of India, the present report will be the last separate report on the Vaccination Department. The report on the working of the Department will in future be incorporated in the report on sanitation, and the information required should be given in a more concise form than in the present report which consists of 91 pages of letter-press alone as compared with 32 pages

in the previous year. Anything of interest or importance in the reports of the Superintendents of Circles and Civil Surgeons should in future be embodied in the Sanitary Commissioner's report, and not be given separately in a long appendix.

12. The Lieutenant-Governor has abstained for the present from passing any orders on the scheme mentioned in paragraph 9 of the report, for the reorganization of the Vaccination and Sanitation Departments at an increased cost of Rs. 88,800 per annum. The scheme in its present form does not commend itself to the Lieutenant-Governor, and Dr. Lidderdale will be requested to reconsider it on his return from leave. Sir Ashley Eden's views on the subject will be then communicated to the Sanitary Commissioner.

ORDER.—Ordered that a copy of the above Resolution be forwarded to the Surgeon-General for Bengal, to the Sanitary Commissioner, and to all Commissioners of Divisions, for information.

Ordered also that a copy of the Resolution, together with a copy of the report for 1880-81, be submitted to the Government of India in the Home Department for information.

By order of the Lieutenant-Governor of Bengal,

H. M. KISCH,

Offg. Secy. to the Govt. of Bengal.

ANNUAL REPORT ON THE ADMINISTRATION OF THE ORISSA PORTS FOR THE YEAR 1880-81.

No. 1320, dated Cuttack, the 12th August 1881.

From—A. SMITH, ESQ., Commissioner of the Orissa Division,

To—The Secretary to the Government of Bengal, General Department.

I HAVE the honor to submit the annual report on the administration of the Orissa ports for the year 1880-81, as directed in Government order No. 2777 of the 14th August 1878.

2. For the sake of convenience, I will notice each port separately.

FALSE POINT.

3. *Finance.*—A comparative statement showing the collections of the port during the last two years is given below:—

PARTICULARS.	1879-80.	1880-81.	Increase.	Decrease.	REMARKS.
Port dues on	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
(*a*) European vessels, foreign trade	220 4 0	628 0 0	407 12 0	.....	
(*b*) Do. do., coasting trade	1,961 8 0	296 10 0	.....	1,664 14 0	
(*c*) Native vessels	307 13 7	220 15 0	.....	86 14 7	
(*d*) Mail steamers	9,243 4 7	8,394 10 0	.....	848 10 7	
Fines, &c.					
(*e*) Fines, &c.	116 0 0	17 0 0	.....	99 0 0	
Sundry receipts.					
(*f*) Cash recoveries...	140 0 0	300 0 0	160 0 0	.....	
Government contribution ...	2,000 0 0	7,000 0 0	5,000 0 0	.....	
(*g*) Miscellaneous	219 8 0	434 2 7	214 10 7	.....	
Total ...	14,208 6 2	17,291 5 7	5,782 6 7	2,699 7 2	

4. The increase under head (*a*) is due to a greater number of European vessels from foreign ports having visited the port for grain; they are reported to have all cleared for the Mauritius.

5. The export of rice to home ports being slack owing to good crops elsewhere, a small number of vessels visited the port, which accounts for the decrease in the items (*b*) and (*c*).

6. It will be seen from the statement attached to paragraph 15 that there was an increase of tonnage during the year as compared with the previous year. The decrease in the receipts under the head (*d*) is, the Collector says, partly attributable to the levy of port dues from the British India Steam Navigation Company's steamers at the rate of one anna on each entry, instead of two annas as heretofore on the voyage, and partly to the dues for March last having been credited in the treasury accounts after the close of the year. The former reason would appear to be a doubtful one, as it will be noted hereafter, paragraph 16, that the tonnage of the Company's steamers visiting the port has increased.

7. The decrease under (*e*) is attributed by the Collector to the fact that while Rs. 105 were realized in the previous year as penalty for throwing ballast into the harbour, no such fine was levied during the year under report.

8. The recoveries under the head (*f*) represent the salary of the Superintendent of Customs for January and February 1880, erroneously charged to the Port Fund, and subsequently re-credited.

9. The increase under miscellaneous (*g*) is chiefly due to the earnings of the Harbour Lighter engaged in discharging ballast from vessels visiting the port.

10. The subjoined is a comparative statement showing the disbursements of the port during the last two years:—

Head.	Charges.	1879-80.	1880-81.	Increase.	Decrease.
		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Medical	Establishment	917 4 6	20 0 0	.....	897 4 6
	Contingencies	24 3 0	7 0 0	.....	17 3 0
	Travelling	72 9 1	.....	.....	72 9 1
Port	Port establishment	3,454 0 0	3,574 4 1	120 4 1	.....
	Cargo-boat establishment ...	2,518 1 3	2,532 0 0	13 14 9	.....
	Travelling	71 0 0	73 0 0	2 0 0	.....
	Contingencies	383 0 2	385 4 3	2 4 1	.....
Other expenditure ...	Dockyard supplies	6,294 14 10	1,133 11 0	.....	5,161 3 10
	Refunds	9 10 11	8 1 0	.....	1 9 11
	Petty construction and repairs ...	657 12 4	251 4 0	.....	406 8 4
Public Works... ...	Original works...	6,454 11 7	.....	.....	6,454 11 7
	Establishment	1,613 10 9	.....	.....	1,613 10 9
	Total ...	22,470 14 5	7,984 8 4	138 6 11	14,624 13 0

11. Under Government order No. 1548 of the 18th November 1879, medical charges in connection with the port are borne by the Medical Department, and this accounts for the marked decrease under this head.

12. The increase in the "port establishment" is partly due to the entertainment of a sweeper from April 1880 on Rs. 8 per mensem, and partly to the increased pay allowed to the carpenter.

13. The decrease under the head "petty construction and repairs" is due to the fact that, while the charge for repairing the Assistant Surgeon's house and Port Office and Officer's quarters amounted to Rs. 423-11-3 in the preceding year, no such charge was incurred during the year under report.

14. The charges on account of dockyard supplies and Public Works, the Collector reports, have not been finally settled in communication with the Accountant-General, and are therefore subject to revision.

15. *Commercial Development.*—The number of vessels that entered and cleared the port during the past two years is given below:—

Description.	1879-80.				1880-81.			
	Entered.		Cleared.		Entered.		Cleared.	
	Number.	Tonnage.	Number.	Tonnage.	Number.	Tonnage.	Number.	Tonnage
Steamers	111	1,38,873	111	1,38,875	108	1,48,686	108	1,48,686
Sailing vessels	58	14,944	45	15,530	23	7,789	21	7,562
Total ...	169	1,53,817	156	1,54,405	131	1,56,475	129	1,56,248

16. The decrease of three steamers in arrivals as well as in departures is consequent on the Asiatic Steam Navigation Company's steamers having ceased to ply during the year. The increase in the tonnage is accounted for by the fact that the British India Steam Navigation Company run larger steamers than in 1879-80.

17. Sailing vessels generally frequent the port for rice for the Mauritius and the southern ports. With the cessation of the large demand for that article for the southern ports, the number of such vessels necessarily decreased.

18. A comparative statement showing the quantity and value of grain exported to foreign and home ports during the last two years is given below:—

Port.	1879-80.		1880-81.	
	Quantity in Cwt.	Value.	Quantity in Cwt.	Value.
		Rs.		Rs.
Foreign ports	418,200	17,59,107	215,180	8,45,324
Home "	86,520	3,56,518	75,300	2,46,761
Total ...	504,720	21,15,625	290,480	10,92,085

19. The decrease was due to the comparatively high price of rice in Cuttack. Merchants found it profitable to make their purchases elsewhere. Orissa rice is not liked so well as the Bengal rice, and the former is not purchased, unless the demand is unusually large, or prices elsewhere are comparatively high.

20. The subjoined is a comparative statement showing the quantity and value of the staple imports during the last two years:—

Description.	1879-80.		1880-81.	
	Quantity.	Value.	Quantity.	Value.
		Rs.		Rs.
Cotton twist	4,05,440 lbs.	2,91,610	5,71,200 lbs.	3,27,804
Piece-goods	40,38,377 Yds.	4,39,925	41,08,614 Yds.	5,70,382
Metals	3,440 Cwt.	1,40,004	2,980 Cwt.	64,921
Spices	2,59,840 lbs.	36,086	15,680 lbs.	23,726
Opium	39 Mds.	45,240	222 Mds.	2,57,520
Liquor	3,133 Gals.	18,238	2,733 Gals	23,726
Gunnies	457,438 No.	1,19,033	83,465 No.	17,984
Total ...	.....	10,90,136	.....	12,86,063

21. Twist, piece-goods, opium, and liquor show an increase, while metal, spices, and gunnies have decreased, as compared with the past year.

22. The increase in twist is due to the fact that the native weavers, to preserve their trade from total extinction, are compelled to use the finer English twist in preference to the coarser native thread. The increase in piece-goods represents the recovery of a portion of the trade which had been diverted to Chandbally, as will be noticed further on. The increase under "opium," too, was nominal, as the importation of 1879-80 by a Government vessel was not accounted for in the trade returns of that year. The Collector reports that the large demand for liquor imported in 1878-79 exceeded the demand of that year, and had left a sufficient stock for consumption in the next. There was consequently a decrease in 1879-80; there being no such stock in hand during the year of report, the imports increased.

23. The decrease in gunnies was a necessary consequence of the decrease in the export of rice, and the decrease in metals and spices is thought to have been due to the same cause, though the connection is less direct.

24. A comparative statement showing the total trade of the port during the past two years is given below:—

	1879-80. Rs.	1880-81. Rs.
Imports	13,54,057	15,57,282
Exports	27,78,264	15,57,752
Total ...	41,32,321	31,15,034

25. It will be seen from the above that the imports have risen from Rs. 13,54,057 to Rs. 15,57,282, while the exports have fallen from Rs. 27,78,264 to Rs. 15,57,752, the net decrease of the trade being Rs. 10,17,287, or 24·61 per cent., as compared with the preceding year.

26. A very important trade is carried on with Calcutta by the British India Steam Navigation Company's steamers, which touch at the port weekly on their outward and inward voyages. From 1878-79 a portion of this trade, estimated by the Collector to be 50 per cent., has diverted to the port of Chandbally in Balasore, and is accounted for in the trade returns of that district. A Government steamer regularly runs every week between Cuttack and that port, and one of the Mahomedan firms of Cuttack has also commenced to ply another. A large number of country boats also ply between these two places. All these facilities have rendered Chandbally a more convenient port than False Point, and the diversion of the trade is a necessary sequence.

27. In 1877-78, when the demand for rice was very brisk in the famine-stricken districts of Southern India, the total value of the coasting trade rose to Rs. 68,72,847 from Rs. 35,40,255 in 1876-77. The cultivators made large profits, which increased their purchasing power, and enabled them to import articles of luxury; but since then both the imports and exports have been gradually falling off; and although the imports of last year showed an increase over the preceding year, it does not indicate a real increase of importation into the province. The reduction of freight made by Messrs. J. Bullock and Company has enabled the cargo boats on this line to compete again with the country boats working on the Chandbally line; and the Marwari merchants of the town of Cuttack, who were importing through Chandbally, have been induced to revert to the port of False Point, which has therefore recovered to some extent what it had lost.

28. The decrease in the exports has been explained in paragraph 19 above.

29. *Registration of Cargo Boats.*—The number of cargo boats registered during the year was 55 against 70 in the year preceding. The dulness of the rice trade was the cause of the decrease.

30. *Improvements.*—A groyne is being constructed by the Public Works Department to arrest the growth of Point Reddie sandspit in its present direction, and to turn it more to the northward; and hurdles have been experimentally erected at the recommendation of Commander Taylor to guide the accumulations of sand-drift with the same object. The Port Officer undertook the latter work with the assistance of his boatmen. The probable effects of these works have been discussed in detail in the Chief Engineer's note of the 4th August last, received with the Government order No. 1209 of the 13th September following.

31. The new dioptric light at the False Point Light-house is reported to be most successful. It is not merely a local improvement; it is useful to all vessels sailing to and from the Hooghly. The telegraph, which last year most inconveniently terminiated at Jumbo, has during the year been extended to Hookeytollah, where the shipping lies. A further important extension is under contemplation. It is proposed to connect the light-house with the wire. This will enable all vessels passing False Point to report themselves at Calcutta. This measure has been suggested by the Chamber of Commerce, and I hope soon to see it carried out.

32. A self-registering tidal guage was set up during the year, but the clock suddenly stopped. It requires periodical inspection by experts.

33. The buoys in the harbour have been overhauled and painted. The red spiral buoy was shifted 180 feet to the north-west from its former position, owing to the continued extension of the Reddie Point.

34. The Noona River and the Bakood Creek were also properly marked off.

POOREE.

35. *Finance.*—Subjoined is a comparative statement showing the collections of the port during the last two years:—

PARTICULARS.	1879-80.	1880-81.	Increase.	Decrease.
PORT DUES	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
On European vessels, coasting trade	36 2 0	.....	.....	36 2 0
„ Native vessels	25 15 5	96 14 1	70 14 8	.....
„ Steamers	339 4 0	1,207 2 0	867 14 0	.....
Miscellaneous receipts ...	.....	50 0 0	50 0 0	.....
Government contribution ...	1,200 0 0	..... *	.....	1,200 0 0
Total ...	1,601 5 5	1,354 0 1	988 12 8	1,236 2 0

* A grant of Rs. 7,000 made for the False Point and Pooree ports during the year has been shown under Cuttack.

36. The net increase under "port dues" is due to the fact that a good many steamers visited the port during the year. The Collector reports that besides the British India Steam Navigation Company's steamers, which pay port dues at False Point both for that port and for Pooree, other steamers visited Pooree with passengers, and paid port dues there. The visit of the Prime Minister of Nepaul and his retinue brought two special steamers.

37. The item of Rs. 50 under "miscellaneous" was the sale proceeds of an anchor and a cable supplied to a stranded native vessel.

38. The following statement shows the disbursements of the port during the past two years:—

PARTICULARS.		1879-80.	1880-81.	Increase.	Decrease.
		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Light-house	Establishment ..	312 0 0	311 8 0	.....	0 8 0
	Contingencies ...	49 13 0	64 10 6	14 13 6	.....
Vessels and boats ...	Establishment ...	587 1 7	525 4 8	.....	61 12 11
	Contingencies ...	26 8 0	2 4 0	.....	24 4 0
Total ...		975 6 7	903 11 2	14 13 6	86 8 11

39. It will be seen that there has been a decrease under almost every head except "Light-house contingencies," which show a slight increase owing to the construction of a wooden sentry-box for the protection of the light watchers. The decrease under "Contingencies, vessels and boats," is attributable to the fact that the requirements of the port were less than in the preceding year.

40. The decrease under the head "Establishment, vessels and boats," was, it is said, owing to fines having been levied from the boatmen for neglect of duty. As the decrease appears to be very large for a reason of this sort, the Collector has been asked to explain what special cause led to the necessity for fining the boatmen so largely.

41. Though the accounts of the Cuttack and Pooree ports are amalgamated, the transactions are separately shown for the purposes of this report.

42. *Commercial Development.*—The number and tonnage of the vessels that visited the port during the last two years are given below :—

Description.	1879-80.				1880-81.			
	Entered.		Cleared.		Entered.		Cleared.	
	No.	Ton.	No.	Ton.	No.	Ton.	No.	Ton.
Steamers	27	34,820	27	34,820	31	36,930	31	36,930
Sailing vessels	6	856	11	2,042	12	1,904	10	1,557
Total ...	33	35,676	38	36,862	43	38,834	41	38,487

43. It will be seen from the above that in the arrivals, there was an increase of four steamers and six sailing vessels, with an increase of 3,158 tons in the aggregate. Similarly there was an increase of four steamers and a decrease of one sailing vessel, or a net increase of three vessels, with an increase of 1,625 tons in the departures. The increase in the number of steamers has been explained in paragraph 36 above.

44. Subjoined is a comparative statement showing the quantity and value of grain exported to foreign and home ports during the last two years :—

Port.	1879-80.		1880-81.	
	Quantity in Cwt.	Value.	Quantity in Cwt.	Value.
		Rs.		Rs.
Foreign ports	27,060	87,542	20,655	52,123
Home „	34,500	1,06,418	35,450	78,227
Total ...	61,560	1,93,960	56,105	1,30,350

45. From the above it will be seen that the total quantity of rice exported during the year does not fall much short of what was exported during the previous year; but the value has considerably decreased, as the price of rice was lower throughout the shipping season.

46. The decrease in the foreign exports is attributable to the reasons adverted to in paragraph 19. The price of rice was lower both in Pooree and Balasore than in Cuttack, but it was not sufficiently low to permit of very successful competition with other ports.

47. A comparative statement showing the staple imports of the year, as compared with the year preceding, is given below :—

Particulars.	1879-80.		1880-81.	
	Quantity.	Value.	Quantity.	Value.
		Rs.		Rs.
Treasure	.....	24,000	.....	16,500
Gunny-bags	24,000 Mds.	5,645	34,940 Mds.	8,291
Piece-goods	11,700 Yds.	1,800	64,060 Yds.	9,812
Spices	43,008 lbs.	7,107	55,651 lbs.	6,214
Total ...	.....	38,552	.....	40,817

48. The Collector reports that the decrease in the import of treasure is due to the fact that merchants had no occasion to bring large amount of specie, as the price of rice, which is the staple article of export, was low throughout the year, especially during the shipping season.

49. The increase in piece-goods is marked. It is ascribed to the facilities afforded by the fortnightly visits of the British India Steam Navigation Company's steamers, which touch at the port on their downward voyage. This increase is, however, very noticeable also in Balasore, and seems to be due to piece-goods being rapidly substituted for the old local manufacture. It is deserving of notice that the increase is not marked in Cuttack, where the price of food ranged higher than in the other two districts.

50. The total quantity of spices imported exceeded that of the previous year, though the value was comparatively less. This was owing to the price of betel-nuts being lower at Calcutta throughout the year.

51. It will be seen from the following figures that the imports have increased by Rs. 26,164, and that the exports decreased by Rs. 62,360, as compared with the year preceding, the net decrease being Rs. 36,196, or 10·53 per cent. :—

	1879-80. Rs.	1880-81. Rs.
Imports	42,500	68,664
Exports	1,93,960	1,31,600
Total ...	2,36,460	2,00,264

52. *Registration of Cargo Boats.*—Thirty-three boats were registered and licensed during the year against none in the preceding year. The Collector is unable to account for the increase. Probably the requirements of the port did not demand extra boat accommodation in 1879-80.

53. *Improvements.*—No works of material importance under this head were carried out during the year.

The sentry box for the protection of the light watchers, sanctioned in Government order No. 664 of the 20th May 1880, was put up.

54. The Collector reports that the port light has continued to give satisfaction.

55. *Casualty.*—Owing to rough weather, a Madras vessel of 69½ tons was stranded within the limits of the Pooree roads. There was happily no loss of life. This casualty was duly reported to Government with this office No. 456, dated 25th March last.

BALASORE.

56. *Finance.*—A comparative statement showing the collections of the port during the last two years is given below :—

Particulars.	1879-80.			1880-81.			Increase.			Decrease.		
Port Dues	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
On European vessels employed in coasting trade ...	29	14	6	26	4	3	.....			3	10	3
,, Native crafts ...	1,221	2	6	1,188	9	2	.....			32	9	4
,, Steamers	969	11	6	917	3	0	.....			52	8	6
Pilotage fees	260	0	0	190	0	0	.....			70	0	0
Registration fees	52	0	0	66	0	0	14	0	0	.....		
Sale proceeds of unclaimed property	62	6	0	93	0	6	30	10	6	.....		
Miscellaneous	100	12	5	235	12	1	134	15	8	.....		
Salvage	.....			15	0	0	15	0	0	.....		
Government grant	.....			5,000	0	0	5,000	0	0	.....		
Total ...	2,695	14	11	7,731	13	0	5,194	10	2	158	12	1

57. Leaving out the Government contribution of Rs. 5,000, the net collections amounted to Rs. 2,731-13-0 against Rs. 2,695-14-11 in the previous year, showing an increase of Rs. 36. The fluctuations are trifling, and do not call for any special remark.

58. Subjoined is a comparative statement showing the disbursements of the port during the past two years:—

Head.	Particulars.	1879-80.	1880-81.	Increase.	Decrease.
		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Vessels and boats ...	Stores	851 8 0	.....	.....	851 8 0
	Dockyard charges	2,082 7 1	.....	.....	2,082 7 1
General management	Port officer and establishment	4,694 14 2	4,380 0 0	.....	314 14 2
	House allowance	390 12 1	376 0 0	.....	14 12 1
	Travelling allowance	67 13 8	41 4 2	.....	26 9 6
Contingencies... ...	Charges for furniture, &c.	66 0 0	20 0 0	.....	46 0 0
	Service postage stamps	10 0 0	20 0 0	10 0 0	.....
Public Works ...	Repairs to the Dhamrah pilot-house ...	62 0 0	65 0 0	3 0 0	.....
	Construction of a jetty	.....	114 5 3	114 5 3	.....
	Ditto of a hut for the watcher of the Flagstaff, Chandipore	.....	37 0 0	37 0 0	.....
	Repair of Tidal guage	.....	10 0 0	10 0 0	.....
Miscellaneous ...	Charges for hiring two large boats for erecting the Tidal guage at Dhamrah, Rs. 75 ...	.....	.....	.....	.....
	Hire of a boat for repairing buoys „ 60 ...	277 3 9	135 0 0	.....	142 3 9
	135				
	Total ...	8,502 10 9	5,198 9 5	174 5 3	3,478 6 7

59. The disbursements during the year under review were Rs. 5,198-9-5 against Rs. 8,502-10-9 in the year preceding, showing a decrease of Rs. 3,304-1-4. This was probably owing to the charges incurred at the Government Dockyard, and for naval stores supplied during the year, not having been shown. The adjustment of these charges rests with the Accountant-General, Bengal.

60. The decrease under the head "port officer and establishment" was principally owing to the abolition of the post of a peon and of a pilot for four months. The services of the latter had been dispensed with to reduce the charges against the port fund. But as the change was not sanctioned in Government order No. 283T of the 23rd July last, his services were re-entertained. The fluctuations under the other heads are insignificant, and call for no remarks.

61. *Commercial Development.*—The number of vessels that visited the port during the past two years is shown below:—

	Entered.		Cleared.	
	Number.	Tonnage.	Number.	Tonnage.
1879-80 ..	219	45,313	327	47,579
1880-81 ..	287	52,049	391	55,903

62. It will be seen from the above that there was an increase of 68 vessels of 6,736 tons in the arrivals, and 64 vessels of 8,324 tons in the departures. This was due to the increase both in the imports and the passenger traffic noticed further on.

63. A comparative statement showing the quantity and value of grain exported to foreign and home ports during the last two years is given below:—

Particulars.	1879-80.		1880-81.	
	Quantity in Cwt.	Value.	Quantity in Cwt.	Value.
		Rs.		Rs.
Foreign ports	144,047	4,60,581	141,896	2,71,947
Home „	510,990	20,69,154	376,608	7,20,054
Total ...	655,037	25,29,735	518,504	9,92,001

64. With the cessation of famine in Southern India, there has been a falling off of export to the Home ports. The large decrease in the value of the exports was due to the marked fall in price. Rice was markedly cheaper throughout the year in Balasore than in Pooree, while the price in Pooree was, as already stated, cheaper than in Cuttack. It was not, however, cheap enough to maintain the trade.

65. Subjoined is a comparative statement showing the quantity and value of the staple imports during the last two years:—

PARTICULARS.	1879-80.		1880-81.	
	Quantity.	Value.	Quantity.	Value.
		Rs.		Rs.
Piece-goods	17,68,360 Yds.	2,45,079	57,88,017 Yds	8,23,349
Metals	17,809 Cwt.	6,26,491	13,681 Cwt.	4,19,605
Twist	13,74,100 lbs.	9,05,895	18,05,953 lbs.	11,55,267
Spices	40,49,260 lbs.	5,60,948	34,23,207 lbs.	3,92,429
Total ...	.....	23,38,413	.....	27,90,650

66. It is noticeable that, with a large increase in the import of twist, there has been a still more marked increase in piece-goods. This fact indicates a greater luxury and purchasing power in the people. The decrease in metals and spices is probably due to the lower prices obtained for the rice crops, but in this respect, if the reason is accurate, the contrast with the large increase in piece-goods is remarkable. Possibly the piece-goods are more largely used in proportion by the classes that buy rice than by those that sell it. It is, however, certain that the comparative cheapness of the European piece-goods is bringing them more and more into use in supersession of the local manufacture.

67. The total trade of the port during the year, as compared with the previous year, is given below:—

	1879-80.	1880-81.
	Rs.	Rs.
Import	40,35,837	41,69,524
Export	53,17,039	47,33,200
Total ...	93,52,876	89,02,724

68. It will be seen from the above that the imports have increased by Rs. 1,33,687, and the exports decreased by Rs. 5,83,839. The net decrease of the trade was Rs. 4,50,152, as compared with the year preceding.

69. *Registration of Cargo Boats.*—The number of boats registered during the year, as compared with the previous year, is given below:—

Port.	1879-80.	1880-81.
Balasore	9	24
Suburnrekha	5	3
Chanua and Sartha	3	...
Churamun and Lychanpore ...	...	5
Chandbally	...	...
Dhamrah	...	...
Total ...	17	32

70. The increase was, as the Collector reports, due to the careful enforcement of the provisions of the customs law prohibiting boats from plying without registration. I should, however, imagine that the commencement of Messrs. Simpson and Company's steamer to ply regularly to Balasore was in the part at least the cause, as the increase has been mostly in that port.

71. The passenger traffic during the past two years is given below:—

	Arrivals.	Departures.
1879-80	33,701	35,781
1880-81	48,544	48,491

72. The increase is shown both in the arrivals and departures, and is attributable to two extra steamers having plied during the year,—one between Chandbally and Calcutta, and another between Balasore and Calcutta.

73. The principal port of the district is the Dhamrah (Chandbally), which has weekly steam communication with Calcutta.

74. *Improvements.*—Two tidal guages have been erected,—one at Chandbally, and another at the Dhamrah. They are reported to be in good order. The beacons and red-painted posts placed at different salient points for indicating the projections of the banks of the Byturni have been painted, and are in good order.

75. A wooden jetty, sanctioned in Government order No. 439T, of the 16th August 1880, was constructed at the Custom House ghât at Balasore. It has not been found so useful as was expected, and a further expenditure is necessary to make it strong and serviceable. An estimate has been submitted to Government in this office No. 1129 of the 11th ultimo.

76. Messrs. Macneill and Company attempted for the first time to quicken the trade with Calcutta by running their steamer *Oorya* of the river Brahminee to Pattamundi, but the scheme failed owing to insufficient depth of water. Since then, however, a steam launch, with cargo boats, has been put on the line between Cuttack and Chandbally in opposition to the *Pioneer*.

77. The buoyed channels in the Brahminee and Byturni are reported to be clear of all obstructions, and underwent no change to call for any special remarks. The bars "Juta" Chandipal and South Channel have also undergone no change. All the buoys have been overhauled, cleaned, and painted by the Government row boat supplied by the Port Officer of Calcutta. A new red third-class buoy has been laid in place of F buoy, which was lost in the North Entrance Channel of the Brahminee, and is useful to steamers making for and leaving the port.

78. The mooring buoys, which are being used by the steamers *Sir John Lawrence*, *Curlew*, and *Oorya*, are in good condition.

79. The proposal to utilise the lighter, now lying useless as a landing stage for the use of passengers by the Government steamer *Pioneer*, noticed in paragraph 66 of my last report, has not as yet been carried out. It was sanctioned by Government. The plan and estimate are with the officers of the Public Works Department, and I hope the work will be taken in hand at an early date.

80. During the last rainy season different sorts of trees, such as cocoanut, palm, tamarind, and casuarius, were planted on Shortt's Island, with a view to their future utility, as marks to vessels making for the Dhamrah. Of these the cocoanut and casuarius promised well, but unfortunately some fishermen apparently ignorantly managed to set fire to the surrounding creepers, and destroyed the plants. Another attempt at planting will be made during the present rainy season.

81. Since the beginning of the year weekly communication between the port of Balasore and Calcutta has been kept up by the steamer *Victoria* belonging to Messrs. Simpson and Company. All the buoys and moorings have been laid; the tidal guage and the bamboo crossing marks are reported to be in good order.

82. The Flagstaff at Chandipore at the mouth of the Boorabullung or Balasore river is in a decayed condition. An estimate has been submitted for the sanction of Government.

83. *Casualty.*—One casualty occurred within the range of the Balasore ports. A native craft lost her boat and some of her hands, and arrived on the coast with four men only. She was piloted by the Government pilots to the Chandbally port, and there harboured till the change of the monsoon.

84. The Port Officers of False Point and Balasore, Messrs. Geary and Palmer, have performed their duties satisfactorily during the year.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal, as reported to Government during the week ending the 1st October 1881.

	No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.				
		Western Districts.		
BURDWAN DIVN.	1	Burdwan, Oct. 1 '81	0·86	Weather—cloudy. State and prospects of crops favourable.
	2	Bankoora, „ 1 „	1·46	Weather—warm, with occasional showers. *Haimanti* paddy, sugarcane, and *arhar* growing. *Aus* paddy being reaped. Ears of *kelash* paddy coming out. *Nuan* paddy ripening. *Biri kalai* and *khesua* cotton flowering and forming into pod. *Surgunja* and *krista til* being sown, and germinating. General health good, but fever in Kotulpore and in other places in Bishenpore sub-division.
		Bishenpore ...	0·54	
		Maliara ...	1·37	
		Khatra ..	0·81	
	3	Beerbhoom, „ 1 „	0·28	Weather—calm. State and prospects of crops good. Public health in sub-division Rampore Hât reported good, but elsewhere fever prevalent.
	4	Midnapore, „ 1 „	0·01	Weather—sultry, with seasonable showers. Prospects of rice harvest good, except in special localities. A few more showers necessary later on. Prices low. Fever prevalent in Ghatal sub-division.
	5	Hooghly, „ 1 „	0·94	Weather—cool and pleasant. Prospects of crops good, except in thana Khanakool.
		Howrah, „ 3 „	1·72	A few showers. *Amun* prospects good.
		Central Districts.		
PRESIDENCY DIVN.	6	24-Pergunnahs, Oct. 3 '81	1·9	Weather seasonable. Prospects of *amun* rice continue very favourable. Reaping of early rice nearly finished, and cutting of jute continues. Public health generally good, though some cases of fever appear in Sudder, Satkhira, and Baraset sub-divisions.
		Diamond Harbour ..	0·52	
		Barripore ...	1·84	
		Baraset ...	0·09	
		Bussirhat ...	1·68	
		Barrackpore ...	0·13	
		Dum-Dum ...	0·60	
		Satkhira ...	0·55	
	7	Nuddea, „ 1 „	0·99	Weather—hot and cloudy with occasional heavy showers of rain. *Aus* harvested; crop quite up to average. *Amun* progressing favourably. Fever prevails throughout district and mortality continues high.
		Kooshtea ...	7·14	
		Meherpore ..	2·03	
		Chooadanga ..	0·92	
		Ranaghat ...	0·15	
	8	Jessore, „ 1 „	3·11	Weather—seasonable, with occasional showers. Harvesting of *aus* almost closed; outturn good. Prospects of *amun* satisfactory. General health fairly good.
		Jhenida ...	0·50	
		Magoora ...	0·27	
		Narail ..	3·08	
		Khoolna ..	0·95	
		Bagirhat ...	1·64	
	9	Moorshedabad, „ 2 „	0·51	Weather—cloudy, with short intervals of sunshine. Prospects of crops continue favourable, but rain at Sudder and Kandi holding off, and more wanted. Health of district not good. Fever very prevalent.
RAJSHAHYE AND COOCH BEHAR DIVN.	10	Dinagepore, Sept. 30 '81	2·29	Rain throughout district. Prospects of crops good.
	11	Rajshahye, Oct. 1 „	4·55	Weather—fair now, rainy during week. *Amun* paddy benefited by rain. Prospects fair. Sowing of *kalai* going on. Prices stationary. A little fever.
	12	Rungpore, „ 1 „	2·16	Weather—hot and rainy. Jute nearly all cut; *amun* doing well. Some cholera and fever in Gaibanda. Public health elsewhere good.
		Gaibanda ...	9·42	
		Kurigram ..	4·40	
		Bagdogra ..	3·2	
	13	Bogra, „ 1 „	Not given.	Weather—seasonable. Some harm reported from too much rain in a few places, but prospects of crops fairly good. Fever prevalent.
	14	Pubna, „ 1 „	5·76	Weather—cool, with thunderstorms and much rain. Prospects of crops and public health good.
	15	Darjeeling, „ 2 „	6·55	Rain continuing longer than usual. Prospects of crops good.
	16	Julpigoree, „ 1 „	18·14	Unusually heavy rain. Crops generally doing well. *Bhadoi* harvest somewhat short this year. Late heavy rain said to have been generally favourable.
		Cooch Behar, Sept. 30 „	9·84	Weather—cloudy and rainy with occasional sunshine. Late rice in low lands has suffered from rain and floods. Tobacco seedlings have also suffered. Rice sold at Rs. 2-8 per maund. Fever prevailing here and there.
		Dinhatta ...	4·22	
		Mathabhanga ..	5·55	
		Mekligunge ..	2·57	
		Eastern Districts.		
DACCA DIVN.	17	Dacca, Oct. 1 '81	1·86	Weather—seasonable. Harvesting of *aus* crop and jute nearly completed; yield average. Prospects of standing crops good. Public health good.
		Moonshigunge (for week ending 28th Sept.).	0·93	
		Manickgunge (for week ending 28th Sept.).	1·42	
	18	Furreedpore, Oct. 1 „	0·59	Weather—cloudy with occasional showers. Prospects of *amun* good. Cases of fever here and there. A few cases of small-pox reported from Bhanga.
		Madaripore ...	1·06	
		Goalundo ...	3·06	
	19	Backergunge, Sept. 29 „	0·65	Local showers. To-day (29th September) wind in the north and rains evidently over. *Amun* doing well. Public health good.
		Bhola ...	3·14	
		Patuakhali ...	0·44	
		Perozepore ...	5·50	
	20	Mymensingh, „ 30 „	3·34	Weather—cloudy and raining almost every day with very little sunshine during week. State of crops generally good throughout district.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.—(*continued.*)			
Eastern Districts.—(Continued.)			
CHITTAGONG DIVN. 21	Chittagong, Oct. 4 '81	0·13	Weather—clear and hot. Prospects of crops good. Rain wanted. Cattle-disease and small-pox continue General health good.
22	Noakholly Sept. 30 „	0·62	Weather—cooler daily. Occasional showers; sun very hot. State and prospects of crops good. A little reaping and transplanting continue, but most of them is done.
23	Tipperah, „ 30 „	2·19	Weather—showery. State and prospects of crops good.
	Brahmunberiah ...	1·83	
	Chandpore ...	0·50	
24	Chittagong Hill Tracts, „ 27 „	2·90	Weather—variable with occasional showers and thunder. Rains evidently breaking. Cutting of jum paddy continues. Plough ultivators' paddy doing very well. Cotton prospects good A large area of jum paddy destroyed by rats in Lushai Hills. Rats travelling northward.
	Hill Tipperah, „ 28 „	2·08	Weather—hot with showers at intervals. Gathering of *aus* finished. *Amun* and sugarcane doing well. Public health good.
BEHAR.			
PATNA DIVN. 25	Patna, Oct. 1 '81	0·21	Weather—occasionally cloudy; generally fine. Harvesting of *bhadoi* almost over. Rain much wanted for paddy crop, Public health good.
	Behar ...	0·90	
	Barrh ...	1·20	
26	Gya, „ 1 „	0·11	Weather—cloudy. Crops look well, but rain wanted now.
	Nowada ...	0·16	
	Aurungabad ...	0·13	
27	Shahabad, „ 1 „	0·35	Weather—hot and still. *Bhadoi* crops harvested; yield on an average from 9 to 10 annas. Prospects of winter rice good.
	Buxar ...	Nil	
	Sasseram ...	1·23	
	Bhabuah ...	Nil	
28	Durbhunga „ 1 „	2·13	Weather—bright with showers. Prospects of crops fair. Prices stationary. Health fair.
29	Mozufferpore, „ 1 „	1·76	Weather—seasonable. Prospects of rice crop generally good, except in some tracts in northern half of district, where inundations have been very heavy.
	Hajeepore ...	0·51	
	Seetamurhee ...	2·58	
30	Sarun, „ 1 „	Nil	No rain. Weather fine, but hot. Sky clear. Harvesting of *makai* and *murwa* nearly finished. Prospects of paddy good. Fever prevalent.
31	Chumparun, „ 1 „	4·68	Rain general. A good *bhadoi* harvest. Rice prospects improved. Cholera less. Fever prevailing.
BHAGULPORE DIVN. 32	Monghyr, Oct. 1 '81	0·47	Weather—fair. Prospects of crops continue favourable. Fever prevalent in places. General health good.
	Begooserai ...	1·11	
	Jamui ...	0·45	
33	Bhagulpore, „ 1 „	0·02	Weather—hot and sultry In extreme north of district heavy rain; rivers rising have flooded the country. Elsewhere not much rain; more required for winter crops.
34	Purneah, „ 1 „	Nil	Weather—fine, except heavy showers in places. Crops good where not too much flooded. Eastern rivers and Koosee very high. Fever prevalent.
	Kissengunge ...	3·75	
	Arrareah ...	4·93	
35	Maldah, „ 1 „	5·12	Weather—seasonable and cool. Heavy rain during week. Standing crops doing well. *Kalai* sowings going on. Prices of food-grains stationary. Public health fair.
36	Sonthal Perghs, „ 1 „	0·65	Weather—bright and hot. Crops all very good.
	Deoghur ...	2·55	
	Godda ...	6·35	
ORISSA.			
ORISSA DIVN. 37	Cuttack, Sept. 30 '81	0·64	Weather—hot. *Sarud* rice late in flowering. *Beali* rice gathered. On the whole prospects of crops good, but rain very much wanted, especially in Sudder sub-division. Rice sells from 15 to 30 seers per rupee. Cattle-disease reported from some parts of Jajpore sub-division.
38	Pooree, „ 29 „	1·90	Weather—seasonable. Weeding of *sarud* rice still going on for second time Harvesting of *beali* rice almost completed. High land crops in ear. Common rice sells at 26 to 39 Calcutta seers per rupee. Cattle-disease still reported.
39	Balasore, „ 30 „	0·90	Weather—on the whole very fine with some showers. Crops progressing favourably. Health good.
CHOTA NAGPORE.			
South-West Frontier Agency.			
40	Hazaribagh, Sept. 30 '81	2·05	Weather—seasonable. In some places harvesting of *bhadoi* crops and *gora dhan* completed; outturn of latter good. Prospects of rice still continue good, but more rain wanted. Cattle-disease reported from thanas Burhee, Gawan, and Chattra; otherwise public health good.
41	Lohardugga, Oct. 1 „	0·16	No rain during week except on Saturday, 24th September. Prospects of crops good. Winter paddy being slightly damaged by an insect called Banki in certain parts of Sudder sub-division.
42	Singbhoom, Sept. 30 „	1·37	Weather—sultry; generally fine, but with heavy clouds hanging about. Upland rice has yielded well. Low land rice promises well. *Rubbee* injured by rain. Public health good, except much fever.
43	Manbhoom, Oct. 1 „	0·41	Weather—fine and hot with little rain in commencement of week. Early rice being cut. Prospects of later crops good. In Govindpore insects at places injuring paddy crop, but on the whole state of crops favourable in that sub-division. Cow-pox reported from Gourangdi.
	Govindpore ...	0·74	

Published for general information.

CALCUTTA, STATISTICAL DEPT.,
The 4th October 1881.

H. M. KISCH,
Offg. Secy. to the Govt. of Bengal.

RETAIL PRICES-CURRENT of Food-grains, Firewood, and Salt in th

QUANTITIES PER RUPEE B

Number	DISTRICTS.	Wheat. Present return.	Wheat. Next preceding return.	Wheat. Corresponding return of last year.	Barley. Present return.	Barley. Next preceding return.	Barley. Corresponding return of last year.	Rice, best sort. Present return.	Rice, best sort. Next preceding return.	Rice, best sort. Corresponding return of last year.	Rice, common. Present return.	Rice, common. Next preceding return.	Rice, common. Corresponding return of last year.	Bulrush Millet-Cumboo, Bajra. Present return.	Bulrush Millet-Cumboo, Bajra. Next preceding return.	Bulrush Millet-Cumboo, Bajra. Corresponding return of last year.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
	BENGAL.															
	Western Districts.															
1	Burdwan	A 13 8	13 8	16 8	30 0	30 0	24 8	28 8	28 8	21 12	3[illegible] 0	31 14	23 8	...	...	...
2	Bankoora	B 14 8	14 8	15 0	16 0	16 0	17 0	25 0	25 0	20 0	36 0	36 0	27 8	...	...	...
3	Beerbhoom	C 16 0	15 8	17 0	...	...	...	22 0	21 0	19 8	28 0	37 0	22 8	...	...	...
4	Midnapore*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	Hooghly	D 14 0	14 0	15 0	...	...	...	10 0	10 0	8 0	21 0	21 0	18 0	...	...	...
	Howrah	15 4	15 0	15 8	...	...	...	16 0	16 0	13 0	21 0	20 0	18 0	...	...	...
	Central Districts.															
	Calcutta	15 4	15 4	14 12	33 8	32 0	22 0	8 0	8 0	6 0	14 0	16 0	11 0	...	...	...
6	24-Pergunnahs*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	Nuddea	E 16 0	16 0	16 0	32 0	35 8	30 8	16 0	16 0	15 4	18 12	20 0	18 13	...		...
8	Jessore	F 13 8	14 12	13 8	...	...	...	20 0	19 8	14 4	29 0	28 0	21 4	...	...	...
9	Moorshedabad	G 18 0	18 0	18 0	...	...	...	17 0	17 0	15 8	24 0	25 0	24 0	...	...	...
10	Dinagepore	H 14 6	13 12	16 0	20 0	20 0	25 0	19 11	15 0	20 0	28 12	25 0	30 0	...	...	...
11	Rajshahye	I 15 0 to 18 12	15 0 to 16 8	21 0	45 0	45 0	27 8	16 8 to 18 12	16 0 to 18 0	12 0	26 4 to 30 0	24 0	24 0	...	...	...
12	Rungpore	J 15 0	15 0	18 0	...	...	...	15 0	15 0	12 14	20 0	20 0	22 8		...	...
13	Bogra	19 14	22 8	21 12	...	...	...	22 8	21 0	24 0	30 0	30 0	30 0		...	...
14	Pubna	K 19 0	18 12	22 8	...	...	...	12 0	12 0	12 0	27 0	26 4	27 8	...	...	...
15	Darjeeling	L 8 0	8 0	8 0	8 0	8 0	8 0	5 0	5 8	5 0	10 0	14 0	10 0	...	...	...
16	Julpigoree	M 9 8	10 0	10 0	...	...	...	12 4	12 4	16 0	18 0	18 0	20 0	...	...	...
	Eastern Districts.															
17	Dacca	N 13 5	13 5	16 0	32 0	35 8	35 0	23 0	20 0	23 0	32 0	26 8	25 0	...	...	...
18	Furreedpore	O 20 0	21 0	2[illegible] 0	35 0	33 0	40 0	8 0	8 0	6 8	22 8	22 0	23 0	...	...	...
19	Backergunge	P ...	...	...	...	...	...	21 0	21 0	16 0	28 8	28 8	20 0	...	...	...
20	Mymensingh	Q 13 0	12 0	12 0	...	...	...	20 0	18 0	18 0	25 0	25 0	26 4	...	...	...

* Returns not received.

A In the interior prices range as follow:—Wheat 15 to 16 seers, barley 40 seers, best rice 19 to 24 seers, common rice 25 to 32 seer gram 25 to 26 seers, firewood 100 to 120 seers, and salt 10 to 10½ seers.

B In the interior prices range as follow:—Wheat 12 to 22 seers, barley 28 to 35 seers, best rice 24 to 29 seers, common rice 38 to 34 seer maize or Indian-corn 28 to 30 seers, gram 12 to 20 seers, firewood 160 to 440 seers, and salt 10 to 12 seers.

C In the interior prices range as follow:—Wheat 13 to 25 seers, best rice 17 to 30 seers, common rice 24 to 37½ seers, gram 19 to 35 seer firewood 80 to 160 seers, and salt 8¾ to 10½ seers.

D In the interior prices range as follow:—Wheat 13 to 19 seers, barley 20 to 31 seers, best rice 10 to 19 seers, common rice 20 to 23 seer gram 18 to 25 seers, firewood 2½ to 4 maunds, and salt 9 to 10½ seers.

E In the interior prices range as follow:—Wheat 14 to 23 seers, barley 26 to 40 seers, best rice 9 to 21 seers, common rice 22½ to 26½ seer maize or Indian-corn (in Kooshtea) 16 seers, gram 20 to 32 seers, firewood 2 to 5 maunds, and salt 8 to 10 seers.

F In the interior prices range as follow:—Wheat 8 to 11 seers, best rice 9 to 25 seers, common rice 26 to 30 seers, gram 8 to 16 seer firewood 2½ to 4 maunds, and salt 8 to 8½ seers.

G In the interior prices range as follow:—Wheat 16 to 18 seers, barley 26 to 50 seers, best rice 14 to 22 seers, common rice 22 to 29 seers, gra 22 to 30 seers, firewood 90 to 140 seers, and salt 9 to 9½ seers.

H In Raigunge the prices are—Wheat 12 seers, best rice 21 seers, common rice 32 seers, gram 15 seers, firewood 3½ maunds, and salt 9 seers.

Districts of Bengal for the Fortnight ending 30th September 1881.

THE SEER OF 80 TOLAHS.

Great Millet—Cholum, Jowar.			Lesser Millet—Ragi or Murwa and Cheena.			Maize or Indian-corn.			Gram.			Firewood.			Salt.			Districts.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	
																		BENGAL.
																		Western Districts.
...	...	...	...	...	...	...	...	...	23 0	23 0	17 8	100 0	100 0	80 0	10 0	10 0	10 0	Burdwan.
...	...	...	...	...	...	40 0	40 0	40 0	20 0	20 0	16 0	320 0	320 0	280 0	9 0	9 0	9 0	Bankoora.
...	...	...	...	...	...	...	...	...	21 0	22 0	18 0	180 0	180 0	180 0	9 0	9 0	9 0	Beerbhoom.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Midnapore.
...	...	...	...	...	...	...	...	...	22 0	22 0	16 8	100 0	100 0	120 0	9 0	9 0	9 0	Hooghly.
...	...	...	...	...	...	...	...	...	22 8	22 8	18 0	80 0	80 0	80 0	10 8	10 8	10 8	Howrah.
																		Central Districts
26 10	26 10	18 0	...	...	...	40 0	24 11	20 0	23 12	24 11	20 0	90 0	90 0	90 0	10 0	10 0	10 0	Calcutta.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	24-Pergunnahs.
...	...	...	...	...	...	...	...	...	26 0	26 0	20 10	...	...	100 0	10 0	10 0	10 0	Nuddea.
...	...	...	...	...	...	...	...	...	20 0	21 0	16 0	110 0	110 0	110 0	8 0	8 0	8 0	Jessore.
...	...	...	...	...	...	...	...	...	32 0	32 0	27 4	120 0	120 0	120 0	9 0 to 10 0	9 0 to 10 0	10 0	Moorshedabad.
...	...	...	...	...	...	...	...	...	16 4	18 0	16 0	180 0	96 0	160 0	8 12	8 12	9 0	Dinagepore.
...	...	...	...	...	...	...	...	...	24 0 to 25 0	24 0 to 25 5	19 11 to 21 0	240 0	240 0	240 0	9 6	9 6	10 0	Rajshahye.
...	...	...	...	...	...	...	...	...	12 0	12 0	9 0	120 0	120 0	120 0	8 12	8 12	8 12	Rungpore.
...	...	...	...	...	...	...	...	...	19 14	24 0	17 4	67 8	67 8	67 8	9 0	9 0	9 0	Bogra.
...	...	...	...	...	...	...	...	...	20 0	21 0	13 0	200 0	200 0	200 0	9 12	9 12	9 8	Pubna.
...	...	...	9 0	9 0	9 0	22 0	22 0	21 0	9 0	9 0	6 8	160 0	160 0	160 0	5 0	5 4	5 0	Darjeeling.
...	...	...	...	...	...	...	...	...	13 5	13 5	10 0	64 0	64 0	64 0	9 0	9 0	6 4	Julpigoree
																		Eastern Districts.
...	...	...	...	...	...	...	...	...	24 8	24 8	17 6	120 0	120 0	106 0	10 0	9 14	10 0	Dacca.
...	...	...	...	...	...	...	...	...	16 0	16 0	13 8	...	...	...	9 8	10 0	9 8	Furreedpore.
...	...	...	...	...	...	...	...	...	20 0	20 0	16 0	100 0	100 0	100 0	8 8	8 8	8 8	Backergunge.
...	...	...	...	...	...	...	...	...	20 0	19 0	16 0	...	...	...	9 4	9 0	9 8	Mymensingh.

I In Nattore the prices are—Wheat $24\frac{6}{16}$ seers, best rice 12 seers, common rice $26\frac{1}{2}$ seers, gram $21\frac{3}{4}$ seers, firewood 4 maunds, and salt 9 seers.

J In the interior prices range as follow:—Wheat 16 to $22\frac{1}{2}$ seers, barley (in Bagdogra) $24\frac{10}{16}$ seers, best rice $14\frac{1}{2}$ to 20 seers, common rice $19\frac{1}{4}$ to 30 seers, lesser millets (in Kurigram) 40 seers, gram 12 to $14\frac{15}{16}$ seers, firewood 80 to 120 seers, and salt 8 to $8\frac{10}{16}$ seers.

K In Serajgunge the prices are—Wheat 26 seers, best rice 10 seers, common rice $25\frac{3}{4}$ seers, gram 16 seers, and salt 9 seers.

L In the interior prices range as follow:—Best rice 6 to 10 seers, common rice 13 to 16 seers, lesser millets (in Kurseong) 12 seers, maize or Indian-corn (in Kurseong) 13 seers, gram 8 to $13\frac{5}{16}$ seers, firewood (in Kurseong) 160 seers, and salt 5 to 8 seers.

M In the interior prices range as follow:—Best rice 10 to $13\frac{5}{16}$ seers, common rice $13\frac{1}{16}$ to 26 seers, gram 8 to $13\frac{5}{16}$ seers, firewood 64 to 80 seers, and salt $6\frac{7}{16}$ to 8 seers.

N In the interior prices range as follow:—Best rice 22 to 27 seers, common rice 26 to 32 seers, gram (in Naraingunge) 21 seers, firewood 8 to 160 seers, and salt 8 to 10 seers.

O In the interior prices range as follow:—Wheat (in Goalund) 20 seers, barley (in Goalundo) 26 seers, best rice 12 to 27 seers, common rice 25 to 32 seers, gram 13 to 20 seers, firewood 120 to 200 seers, and salt 8 to 10 seers.

P In the interior prices range as follow:—Best rice 20 to 27 seers, common rice 24 to 30 seers, gram 10 to 20 seers, firewood 60 to 140 seers, and salt 8 seers.

Q In the interior prices range as follow:—Wheat 10 to 14 seers, best rice 10 to 30 seers, common rice 18 to $32\frac{1}{2}$ seers, gram 10 to 18 seers, and salt 8 to $9\frac{3}{4}$ seers.

RETAIL PRICES-CURRENT of Food-grains, Firewood, and Salt in the

QUANTITIES PER RUPEE BY

Number.	DISTRICTS.	Wheat. Present return.	Wheat. Next preceding return.	Wheat. Corresponding return of last year.	Barley. Present return.	Barley. Next preceding return.	Barley. Corresponding return of last year.	Rice, best sort. Present return.	Rice, best sort. Next preceding return.	Rice, best sort. Corresponding return of last year.	Rice, common. Present return.	Rice, common. Next preceding return.	Rice, common. Corresponding return of last year.	Bulrush Millet—Cumboo, Bajra. Present return.	Bulrush Millet—Cumboo, Bajra. Next preceding return.	Bulrush Millet—Cumboo, Bajra. Corresponding return of last year.
	Eastern Districts.—(Contd.)	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch	S. Ch.	S. Ch.	S. Ch.	S. Ch	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
21	Chittagong*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	Noakholly	R ...	...	...	...	...	...	21 0	21 0	20 0	25 0	25 0	25 0	...	...	...
23	Tipperah	13 0	13 0	14 0	...	...	...	22 8	22 0	20 0	34 8	33 0	35 8	...	...	...
24	Chittagong Hill Tracts* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hill Tipperah	10 0	11 0	8 0	...	...	...	22 0	24 0	14 0	29 0	30 0	22 0	...	...	...
	BEHAR.															
25	Patna	22 0	23 0	21 10	45 8	40 0	30 0	14 0	14 0	13 5	23 0	24 0	18 14	...	...	...
26	Gya	S 20 0	18 8	20 8	37 0	35 0	30 0	12 0	12 0	9 8	21 0	20 8	20 0	...	...	...
27	Shahabad	T 17 0 to 18 0	17 0 to 18 0	19 0	36 0	36 0	33 0	20 0	20 0	17 0	22 0 to 23 0	22 0 to 23 0	17 0	...	...	...
28	Durbhunga	17 0	17 0	23 4	40 0	45 0	50 0	13 0	15 0	13 4	19 0	19 0	18 0	...	...	...
29	Mozufferpore	20 0	20 0	25 0	35 0	35 0	40 0	11 0	11 0	11 0	19 0	19 0	17 0	...	...	...
30	Sarun	17 0	16 0	18 0	40 0	41 0	39 0	10 8	10 8	10 0	23 0	22 8	20 0	...	...	...
31	Chumparun	U 22 0	21 0	22 0	50 0	50 0	40 0	14 0	14 0	11 0	25 0	25 0	18 0	...	...	...
32	Monghyr	16 0	16 12	22 0	40 0	42 0	42 0	11 8	11 8	16 12	19 0	18 14	19 15	...	...	...
33	Bhagulpore*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
34	Purneah	V 16 0	16 0	20 0	40 0	40 0	40 0	20 0	21 0	19 0	32 0	28 0	20 0	...	...	...
35	Maldah	16 0	16 0	20 0	...	...	...	16 0	16 0	16 0	25 0	24 0	23 0	...	...	...
36	Sonthal Pergunnahs	W 12 0	13 0	16 0	...	...	20 0	22 0	22 0	18 0	26 0	26 0	25 0	...	...	...
	ORISSA.															
37	Cuttack	17 1	15 0	14 7	...	...	...	15 12	17 11	14 7	21 0†	22 5	21 0	...	...	...
38	Pooree*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
39	Balasore*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	CHOTA NAGPORE. *South-Western Frontier Agency.*															
40	Hazareebagh	X 18 0	17 8	17 0	27 0	...	30 0	13 0	12 0	13 0	19 0	18 0	25 0	...	...	...
41	Lohardugga	Y 17 0	17 0	12 0	...	24 0	...	18 0	18 0	20 0	22 0	23 0	24 0 to 32 0	...	...	...
42	Singbhoom	24 0	24 0	16 0	40 0	40 0	32 0	32 0	32 0	36 0	36 0	36 0	40 0	...	...	...
43	Manbhoom	Z 13 0	13 0	12 0	...	40 0	24 0	22 0	20 0	18 0	33 0	32 0	30 0	...	...	...

* Returns not received.

† In the interior price of common rice varies from 26¼ to 28 13/16 seers per rupee.

R In the interior prices range as follow:—Best rice 19 to 32 seers, common rice 25 to 40 seers, and salt 7 to 8 seers.

S In the interior prices range as follow:—Wheat 19 to 22¼ seers, barley 35 to 45 seers, best rice 12½ to 20 seers, common rice 22½ to 25 seers, lesser millets (in Nowada 45 seers, maize or Indian-corn (in Nowada) 40 seers, gram 28 to 42 seers, firewood 2 to 4 maunds, and salt 8 to 9 1/16 seers.

T In the interior prices range as follow:—Wheat 16½ to 19 seers, barley 28 to 42½ seers, best rice 11 to 16 seers, common rice 16½ to 22½ seers, bulrush millet (in Buxar) 30 seers, great millet (in Buxar) 33 seers, lesser millets 1 maund, maize or Indian-corn 30 to 35 seers gram 28 to 33 seers, firewood 2½ to 6 maunds, and salt 8 to 9¼ seers.

U In the interior prices range as follow:—Wheat 21 to 30 seers, barley 35 to 60 seers, best rice 14 to 21 seers, common rice 20 to 30 seers, lesser millets 45 to 70 seers, maize or Indian-corn 45 to 70 seers, gram 24 to 45 seers, firewood (in Bettiah) 160 seers, and salt 7½ to 10 seers.

CALCUTTA,
The 4th October 1881.

Districts of Bengal for the Fortnight ending 30th September 1881.—(Concld.)

THE SEER OF 80 TOLAS.

Great Millet—Cholum, Jowar.			Lesser Millet—Ragi or Murwa and Cheena.			Maize or Indian-corn.			Gram.			Firewood.			Salt.			DISTRICTS.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
																		Eastern Districts.—(Contd.)
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Chittagong.*
...	...	...	...	...	...	...	...	...	15 0	15 0	8 0	...	...	...	8 0	8 0	8 0	Noakholly
...	...	...	...	...	...	...	...	...	18 0	18 0	15 0	...	...	...	9 8	9 8	9 4	Tipperah.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Chittagong Hill Tracts.*
...	...	...	...	...	...	...	...	...	9 0	9 0	8 0	...	...	...	8 0	8 0	8 0	Hill Tipperah.
																		BEHAR.
...	...	...	...	...	...	45 8	40 0	35 0	37 8	37 8	25 0	120 0	120 0	100 0	9 9½	9 9½	8 12	Patna.
...	...	...	...	...	...	37 8	36 0	38 8	33 0	29 0	26 0	160 0	160 0	140 0	9 0	9 0	9 8	Gya.
...	...	...	...	...	...	36 0	37 0	33 0	32 0	31 0 to 32 0	26 0	120 0	120 0	120 0	9 8	9 8	9 4	Shahabad.
...	...	...	40 0	45 0	29 0	38 8	37 8	31 0	30 0	30 0	22 0	160 0	130 0	140 0	8 12	8 12	8 8	Durbhunga.
...	...	...	...	...	...	56 0	55 0	40 0	35 8	35 0	25 0	140 0	140 0	120 0	9 0	9 0	9 8	Mozufferpore.
38 0	40 0	33 0	33 0	34 0	29 0	37 0	32 0	32 0	32 0	32 0	26 0	160 0	150 0	160 0	9 0	9 0	9 0	Sarun.
...	...	...	...	...	...	60 0	65 0	29 0	36 0	36 0	28 0	...	...	...	8 8	8 8	8 8	Chumparun.
...	...	...	...	...	...	50 0	52 0	47 0	32 0	33 9	31 8	120 0	105 0	105 0	8 8	8 14	8 6	Monghyr.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Bhagulpore.*
...	...	...	...	...	...	...	...	...	23 0	26 0	20 0	120 0	120 0	120 0	8 0	8 0	8 0	Purneah.
...	...	...	...	...	...	...	...	...	20 0	24 0	20 0	160 0	120 0	120 0	9 0	9 0	9 0	Maldah.
...	...	...	...	...	...	80 0	80 0	80 0	24 0	24 0	18 0	200 0	200 0	200 0	8 0	8 0	8 0	Southal Perghs.
																		ORISSA.
...	...	...	13 2	17 11	13 2	...	...	...	23 10	26 4	18 6	160 0	160 0	160 0	11 0	11 0	12 0	Cuttack.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Pooree.*
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Balasore.*
																		CHOTA NAGPORE. *South-Western Frontier Agency.*
...	...	...	51 0	48 0	48 0	51 0	48 0	45 0	26 0	20 0	22 0	240 0	200 0	240 0	8 0	8 0	8 0	Hazareebagh.
...	...	...	40 0	48 0	36 0	36 0	32 0	32 0	17 0	16 0	14 0	140 0	140 0	160 0	7 0	6 8	7 8	Lohardugga.
...	...	...	...	...	...	...	...	...	21 0	21 0	16 0	160 0	160 0	160 0	6 0	6 0	6 0	Singbhoom.
...	...	40 0	64 0	64 0	64 0	...	...	60 0	22 0	17 0	15 0	160 0	120 0	160 0	8 8	8 8	9 0	Manbhoom.

V In the interior prices range as follow:—Wheat 13$\frac{3}{16}$ to 20 seers, barley 40 seers, best rice 13 to 20 seers, common rice 23 to 32 seers, gram 14 to 22 seers, firewood (in Kissengunge) 64 seers, and salt 8 to 9 seers.

W In Godda the prices are—Wheat 15 seers, barley 35 seers, best rice 22 seers, common rice 25 seers, maize or Indian-corn 3 maunds, gram 26½ seers, firewood 3 maunds, and salt 8 seers.

X In the interior prices range as follow:—Wheat 16 to 18 seers, barley 38 to 40 seers, best rice 12 to 15 seers, common rice 19 to 26 seers, lesser millets 35 to 70 seers, maize or Indian-corn 30 (old) to 60 (new) seers, gram 23 to 30 seers, firewood 160 to 320 seers, and salt 8 seers.

Y In Daltonganje the prices are—Wheat 20·25 seers, barley 25 seers, best rice 15 seers, common rice 17 seers, mohwa 54 seers, murwa 40 seers, maize or Indian-corn 40 seers, gram 20·25 seers, and salt 8 seers.

Z In the interior prices range as follow:—Wheat 16 seers, barley (in Govindpore) 26 seers, best rice 18 to 23 seers, common rice 27 seers, bulrush millet (in Govindpore) 26 seers, lesser millets (in Govindpore) 60 seers, maize or Indian-corn 40 to 70 seers, gram 12 to 22 seers, firewood 6 to 20 maunds, and salt 8 to 10 seers.

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H. M. Kisch,
Offg. Secy. to the Govt. of Bengal.

WHOLESALE PRICES-CURRENT of Food-grains, Firewood, and Salt in

PRICES PER MAUND

Number.	MARTS.	Wheat.			Barley.			Rice, best sort.			Rice, common.			Bulrush Millet—Cumboo, Bajra.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	Calcutta ...	2 10 0	2 10 0	2 12 0	1 3 0	1 4 0	1 12 0	5 0 0	5 0 0	6 8 0	2 15 0	2 8 0	3 8 0	...	...	...
2	Serajgunge ...	1 8 0	1 8 0	1 10 0	...	...	...	3 12 0	3 12 0	3 4 0	1 8 0	1 9 0	1 6 0	...	...	...
3	Dacca ...	3 0 0	3 0 0	2 7 0	1 4 0	1 1 0	1 1 0	1 10 0	1 11 0	1 12 0	1 4 0	1 7 0	1 9 0	...	...	...
4	Naraingunge..	...	...	...	...	...	...	1 8 0	1 10 0	1 8 0	1 4 0	1 8 0	1 4 0	...	...	...
5	Chittagong* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	Patna ..	1 13 0	1 11 9	1 14 0	0 14 0	1 0 0	1 5 3	2 14 0	2 14 0	3 0 0	1 12 0	1 10 9	2 1 0	...	...	...
7	Balasore* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	Pooree* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	Cuttack ...	2 4 0	2 9 0	2 10 0	...	...	...	2 5 0	2 2 0	2 10 0	1 11 0	1 10 0	1 11 0	...	...	...

* Returns not received.

CALCUTTA,
The 4th October 1881.

the undermentioned Marts of Bengal for the Fortnight ending 30th September 1881.

OF 40 SEERS.

Great Millet—Cholum, Jowar.			Lesser Millet—Ragi or Murwa and Cheena.			Maize or Indian-corn.			Gram.			Firewood.			Salt.			Marts.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	
1 8 0	1 8 0	2 4 0	...	...	...	1 0 0	1 10 0	2 0 0	1 12 0	1 10 0	2 0 0	0 6 3	0 6 3	0 6 3	4 0 0	4 0 0	4 0 0	Calcutta.
...	...	...	...	...	...	...	...	...	2 4 0	2 2 0	2 6 0	...	...	...	4 4 0	4 4 0	4 5 0	Serajgunge.
...	...	...	...	...	...	...	...	...	1 11 0	1 11 0	2 3 0	0 5 0	0 5 0	0 5 0	4 0 0	4 2 0	4 0 0	Dacca.
...	...	...	...	...	...	...	...	...	1 14 0	1 14 0	2 4 0	0 8 0	0 8 0	0 8 0	3 12 0	4 0 0	4 0 0	Naraingunge.*
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Chittagong.*
...	...	...	...	...	...	0 14 0	1 0 0	1 2 0	1 1	1 1 0	1 9 6	0 5 3	0 5 3	0 6 3	4 1 0	4 1 0	4 10 0	Patna.
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Balasore.*
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Pooree.*
...	...	...	3 0 0	2 3 0	3 0 0	...	...	...	1 9 0	1 8 0	2 0 0	0 4 0	0 4 0	0 4 0	3 6 0	3 8 0	3 3 0	Cuttack.

Published for general information

H. M. Kisch,
Offg. Secy. to the Govt. of Bengal.

Results of the Meteorological Observations taken at the Alipore Observatory from 25th September to 1st October 1881.

Month.	Date.	Maximum in sun.	Mean pressure barometer at 32° Fahr.	Temperature. Mean.	Temperature. Maximum.	Temperature. Range.	Temperature. Minimum.	Hygrometry. Mean wet bulb.	Hygrometry. Vapour tension.	Hygrometry. Dew point.	Hygrometry. Humidity.	Wind. Prevailing direction.	Wind. Miles recorded.	Rain.	Weather.
1881.		°	Inches.	°	°	°	°	°	Inches	°	%			Inches	
Sept.	25th	152·7	29·740	83·3	88·5	10·3	78·2	79·7	0·967	78·2	85	SSW and SW by W ...	95	Nil	Partially cloudy.
„	26th	150·5	·753	83·1	88·1	9·9	78·2	79·6	·967	78·2	85	SW and SW by S ...	121	„	Chiefly cloudy.
„	27th	146·7	·793	83·0	87·6	9·1	78·5	79·5	·963	78·1	85	SW by S ...	111	0·01	Chiefly cloudy, *d*.
„	28th	153·0	·786	83·2	89·0	10·6	78·4	79·6	·963	78·1	85	SW by S, calm, and S by W	80	Nil	Partially cloudy.
„	29th	155·6	·817	81·9	88·1	9·3	78·8	78·9	·954	77·8	88	S by W, calm, and E by S	60	0·17	Chiefly cloudy, *o*, *g*, *d*, *p*, *t*.
„	30th	162·3	·827	81·3	89·0	11·1	77·9	78·4	·936	77·2	88	Calm and variable ...	47	1·59	Chiefly cloudy, ⌓ *o*, *g*, *p*, *t*.
Oct.	1st	151·9	·800	82·6	88·8	11·6	77·2	79·5	·969	78·3	87	Calm, NE and variable ...	29	Nil	Chiefly cloudy, ⌓.

		Inches.
The mean pressure of the seven days	...	29·788
The average pressure of the corresponding period for 24 years, S. G. Office	...	29·744
		°
The mean temperature of the seven days	...	82·6
The average temperature of the corresponding period for 24 years, S. G. Office	...	83·2
The extreme variation of temperature during the seven days ...	...	11·8
The maximum temperature during the seven days	...	89·0
		Miles.
The highest velocity of the wind in one hour during the seven days ...	...	11
		lb.
The highest pressure of the wind on one square foot during the seven days	...	Not measureable.
		%
The mean relative humidity during the seven days	...	86
The average relative humidity of the corresponding period for 24 years, S. G. Office	...	84
		Inches.
The total fall of rain from 25th September to 1st October 1881 ...	...	1·77
The average fall of the corresponding period for 24 years, S. G. Office ...	...	1·70
The total fall from 1st January to 1st October 1881	...	67·72
The average fall of the corresponding period for 24 years, S. G. Office ...	...	58·97

The mean pressure, temperature, &c., are deduced from the traces of the barograph and thermograph, and from observations made at 6h, 10h, 16h, and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The direction of the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

d drizzling rain, *o* overcast, *p* passing temporary showers, *t* thunder, ⌓ dew, *g* gloomy.

JOHN ELIOT,
for Meteorological Reporter to the Government of India.

METEOROLOGICAL OFFICE, INDIA,
The 3rd October 1881.

Results of the Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 25th September to 1st October 1881.

Month.	Date.	Temperature. Mean.	Maximum.	Range.	Minimum.	Hygrometry. Vapour tension.	Dew point.	Humidity.	Rain.
1881.		⊖	⊖	⊖	⊖	Inches.	⊖	%	Inches.
September ...	25th ...	83·6	89·8	11·5	78·3	·953	77·8	81	.....
" ...	26th ...	83·4	89·8	11·0	78·8	·938	77·3	81	.....
" ...	27th ...	83·6	88·8	10·0	78·8	·933	77·1	80	0·04
" ...	28th ...	83·9	91·3	12·6	78·7	·952	77·1	80	.....
" ...	29th ...	82·4	91·0	11·4	79·6	·968	78·2	86	1·09
" ...	30th ...	81·2	81·6	4·2	77·4	·912	76·4	85	0·75
October ...	1st ...	82·6	88·7	10·9	77·8	·965	78·2	84	0·01

	⊖
The mean temperature of the seven days	83·0
The extreme variation of temperature during the seven days	13·9
The maximum temperature during the seven days	91·3
	%
The mean relative humidity during the seven days	72
	Inches.
The total fall of rain from 25th September to 1st October 1881 ...	1·89

Meteorological Office, India,
The 3rd October 1881.

John Eliot,
for Meteorological Reporter to the Govt. of India.

Abstract of the results of Thermometric Observations taken at the Meteorological Office, Chowringhee, in the month of September 1881.

	⊖	Date.
The mean temperature during the month	82·5	
The highest temperature during the month	92·8	7th
The lowest temperature during the month	74·8	17th
The range of temperature during the month	18·0	
The mean daily range of temperature during the month ...	10·0	
The greatest range of temperature in one day during the month ...	13·8	17th
	%	
The mean humidity during the month	84	
	Inches.	
The mean vapour tension during the month	0·951	
The total rainfall of the month	7·56	
The greatest fall in 24 hours	1·60	17th
The number of rainy days in the month	19 days.	

John Eliot,
for Meteorological Reporter to the Govt. of India.

Meteorological Office, India,
The 3rd October 1881.

Printed and published by Edwin Morris Lewis, at the Printing Office of the Bengal Secretariat, No. 28, Chowringhee, in the City of Calcutta—5th October 1881.

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Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal, as reported to Government during the week ending the 8th October 1881.

	No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.				
		Western Districts.		
BURDWAN DIVN.	1	Burdwan, Oct. 8 '81	0·5	Weather—cloudy. Prospects of winter paddy good. Sugarcane promising well.
	2	Bankoora, „ 8 „	1·01	Weather—cloudy with occasional showers. Rather warm for the time of year.
		Bishenpore ...	0·52	State and prospects of crops very good. Reaping of *aus* finished in many
		Maliara ...	0·87	places, and yielded a good outturn (14 annas). *Nuan* and *kelash* paddy in
		Khatra ...	1·67	the husk, and *amus* growing and promising well. *Kherua* cotton and *biri kalai* ripening. Sugarcane doing well. Sudder sub-division healthy, but Bishenpore sub-division reported to be affected with fever and cholera.
	3	Beerbhoom, „ 8 „	3·24	Weather—hot and rainy. Prospects of crops very good. *Aus* crop ripening. Food-grains cheap. Fever prevalent.
	4	Midnapore, „ 8 „	3·96	Weather—cloudy; heavy showers in latter half of week. Prospects of rice harvest good in most places, and improved by seasonable rain during the week. Prices low. Fever still prevalent.
	5	Hooghly, „ 8 „	1·99	Weather—cool with occasional showers. Harvesting of *aus* crop completed. Prospects of other crops good.
		Howrah, „ 10 „	1·32	Constant heavy showers. Crops generally doing well, though in some places
		Moheshrekha ...	1·10	suffering from submersion.

	No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.—(*continued.*)				
		Central Districts.		
Presidency Divn.	6	24-Pergunnahs, Oct. 10 '81	1·14	Weather—hot and cloudy with occasional showers of rain. Prospects of *amun* rice continue very favourable. Reaping of early rice and jute nearly finished. Public health generally good.
	7	Nuddea, „ 8 „	1·30	Weather—close, cloudy, with heavy showers. *Aus* harvested. *Amun* doing well. Fever still prevailing throughout district.
		Kooshtea ...	1·21	
		Meherpore ...	0·70	
		Chooadanga ...	1·30	
		Ranaghat ...	3·71	
		Bongong ...	4·4	
	8	Jessore, „ 8 „	1·32	Weather—seasonable and clear, with occasional showers of rain. Late rain has benefited crops. Prospects of *amun* favourable. A little damage done to paddy in Magoora by insects. Fever prevalent, but is not in epidemic form.
		Jhenida ...	0·24	
		Magoora ...	1·22	
		Narail ...	1·5	
		Khooina ...	2·28	
		Bagirhat ...	1·58	
	9	Moorshedabad, „ 10 „	4·37	Weather—cloudy and rainy. Heavy rain just fallen, and prospects consequently very good. Fever seems somewhat abating.
Rajshahye and Cooch Behar Divn.	10	Dinagepore, Oct. 7 '81	0·52	Weather—seasonable Prospects of late rice good. Early rice reaped; yield about eight annas. Rice 18 to 35 seers per rupee. Much fever in the station.
	11	Rajshahye, „ 8 „	4·67	Heavy rain in Sudder sub-division during week. *Amun* paddy, *til* and *arhur* thriving. Sowing of *kalai* continues. Price of rice 24 to 25 seers. Two cases of small-pox reported from Godagari. Fever prevalent in several places.
		Nattore ...	1·21	
	12	Rungpore, „ 8 „	2·10	Weather—hot. State and prospects of crops good all round. Public health good.
		Gaibanda ...	1·39	
		Kurigram ..	0·04	
		Bagdogra ..	2·76	
	13	Bogra, „ 8 „	0·74	Weather—seasonable. Well-timed rain during last six weeks has greatly improved outlook for winter rice and sugarcane. Jute being cut, and in some places preparation of land for winter crops beginning. Fever prevalent.
		Rainfall of week ending on 1st instant (omitted then).	6·40	
	14	Pubna, „ 8 „	2·15	Weather—bright with occasional heavy showers Prospects of all crops favourable Some fever reported, but general health good.
	15	Darjeeling, „ 8 „	4·60	Weather—bright till end of week, when heavy rain fell. Late rice doing well in Terai. Prospects good.
	16	Julpigoree, „ 8 „	2·52	Unusually heavy rain. State and prospects of crops generally favourable. Heavy rain said to have somewhat injured rice on lowest lands.
		Cooch Behar, „ 7 „	2·30	Weather—rainy at first, fair afterwards. Prospects of late rice not very good. Tobacco cultivation retarded owing to late rain. Rice selling at Rs. 2-8 per maund. Public health generally good.
		Dinhatta ..	5·6	
		Mathabhanga ..	11·95	
		Mekligunge ..	12·67	
		Eastern Districts.		
Dacca Divn.	17	Dacca, Oct. 8 '81	1·67	Weather—clear and hot. Cutting of *aus* crop and of jute nearly completed. Prospects of standing crops continue good. General health good.
	18	Furreedpore, „ 9 „	1·12	Weather—hot; cloudy with occasional rain. Prospects of crops generally good. Public health improving.
		Madaripore ..	1·34	
	19	Backergunge, „ 6 „	0·61	Weather—generally fine and warmer than it has been for some time. In south of district more rain wanted for the *amun* last planted out, but there is nothing yet to complain of.
	20	Mymensingh, „ 7 „	0·54	Weather—seasonable. State and prospects of crops good.
Chittagong Divs.	21	Chittagong, Oct. 11 '81	0·89	Weather—warm and close; cloudy at intervals. Rain wanted. Prospects of crops generally good. Small-pox continues among men and cattle. General health good.
	22	Noakholly „ 6 „	0·17	Weather—hot and sunny; occasional showers. Prospects good. Some rice still in ear and unreaped. *Amun* crop promising well. *Giring* rice being reaped in islands Fields drying rapidly.
	23	Tipperah, „ 7 „	0·59	Weather—seasonable State and prospects of crops good.
		Brahmunberiah ..	3·14	
		Chandpore ..	1·20	
	24	Chittagong Hill Tracts, „ 4 „	1·92	Weather—close with rain threatening Joom paddy cut. Plough paddy doing well. Uplands being ploughed for mustard. Cotton in flower and promises well.
		Hill Tipperah, „ 5 „	1·10	Weather—seasonable State and prospects of crops continue to be favourable. Public health good.
BEHAR.				
Patna Divs.	25	Patna, Oct. 8 '81	3·12	Weather—cloudy. Prospects of crops continue favourable in Sudder sub-division. Rain much wanted in Behar sub-division for speedy growth of paddy. Fields being ploughed for sowing *rubbee*. Fever reported from some places.
		Behar ...	Nil	
	26	Gya, „ 8 „	3·33	General appearance of sky cloudy. Rain general; most beneficial to crops which ought now to be first-rate.
		Jehanabad	2·47	
	27	Shahabad, „ 8 „	2·46	Weather—cloudy. Rain has done good to winter rice, prospects of which favourable. Lands being prepared for *rubbee*.
		Bhabuah ...	0·05	
	28	Durbhunga „ 8 „	4·01	Weather—blowing hard, chiefly from south-east, with very heavy rain on 7th and 8th. Prospects fair Prices stationary. Health fair.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BEHAR.—(*Continued.*)			
PATNA DIVS.—*contd.* 29	Mozufferpore, Oct. 8 „	3·51	Weather—cool and rainy. Prospects of paddy generally good. Moisture favourable for *rubbee* sowings which have already commenced in some parts.
	Hajeepore ...	1·20	
	Seetamurhee ...	0·82	
30	Sarun, „ 8 „	3·10	Weather—hot and fine during first half, and cool and rainy during latter half of week. Reaping of *bhadoi* over with a fair outturn. Transplanting of paddy nearly complete. Fever very prevalent during week.
31	Chumparun, „ 8 „	3·96	Rain almost daily. *Bhadoi* harvest progressing. Rice prospects satisfactory, though some slight damage by flooding. Fever prevalent.
BHAGULPORE DIVS. 32	Monghyr, Oct. 8 '81	9·53	Weather—fine in early part of week; heavy rain on 6th, 7th, and 8th. Paddy wanted rain, but will now do well. General prospects good. A good deal of fever about.
33	Bhagulpore, „ 8 „	6·46	Weather—hot during first part of week; heavy rain since 6th. Prospects of crops good. Rain has much benefited winter rice crop. General health good.
34	Purneah, „ 8 „	5·98	Weather—cool. Raining since Friday last (7th). Rain has done much good to crops. Fever prevalent.
	Kissengunge ...	1·20	
	Arrareah ...	3·63	
35	Maldah, „ 8 „	1·24	Weather—seasonable, cloudy and rainy throughout the week. *Kalai* being sown. Prospects of other crops favourable. Prices of food-grains stationary. Public health fair, though there is some of the usual autumnal fever in most villages of district.
36	Sonthal Perghs, „ 8 „	6·00	Weather—very wet. State and prospects of crops good.
	Deoghur ...	0·26	
	Godda ...	0·85	
	Rajmehal ...	0·28	
	Pakour ...	1·00	
ORISSA.			
ORISSA DIVS. 37	Cuttack, Oct. 7 '81	1·28	Heavy showers general. Early rice still being gathered. Late *sarad* rice flowering. Present rain will do much good to crops. Rice sells from 15 to 30 seers per rupee. Cattle-disease has disappeared. Public health good.
38	Pooree, „ 6 „	2·63	Weather—cloudy and rainy. Rain has done good. Rice crops getting on well. Harvesting of early crop begun. Common rice sells at 26 to 39 Calcutta seers per rupee. Cattle-disease still reported.
	Khurda ...	2·35	
39	Balasore, „ 7 „	7·54	Heavy rain throughout the week in showers. Crops progressing favourable. Public health fairly good, but small-pox reported to a slight extent in thy north.
CHOTA NAGPORE			
	South-West Frontier Agency.		
40	Hazaribagh, Oct. 7 '81	1·17	Weather—seasonable. Harvesting of *bhadoi* and *gora* paddy completed. Prospects of winter crops continue good. Public health good.
41	Lohardugga, „ 8 „	0·90	Weather—cloudy; rain at intervals. Prospects continue good. Paddy crop attacked by *Banki* insect now look well in certain parts. Fever rather prevalent in Palamow.
42	Singbhoom, „ 7 „	0·46	Weather—bright and warm in first part of week; latterly variable, showery, and much cooler. *Gora* paddy reaped and harvested with good outturn. Paddy of the higher low lands being reaped in parts of district. Low land crops promise well. Much fever as usual.
43	Manbhoom, „ 8 „	5·16	Very heavy rain during the week, which does not seem to have extended to Govindpore. Blight is spoken of in one or two of the station reports; but generally crops promise well, especially rice.
	Govindpore ...	0·98	

Published for general information.

CALCUTTA, STATISTICAL DEPT.,
The 11th October 1881.

COLMAN MACAULAY,
Offg. Secy. to the Govt. of Bengal.

Results of the Meteorological Observations taken at the Alipore Observatory from 2nd to 8th October 1881.

Month.	Date.	Maximum in sun.	Mean pressure barometer at 32° Fahr.	Temperature. Mean.	Temperature. Maximum.	Temperature. Range.	Temperature. Minimum.	Hygrometry. Mean wet bulb.	Hygrometry. Vapour tension.	Hygrometry. Dew point.	Hygrometry. Humidity.	Wind. Prevailing direction.	Wind. Miles recorded.	Rain.	Weather.
1881.		⊖	Inches.	⊖	⊖	⊖	⊖	⊖	Inches	⊖	%			Inches	
Oct.	2nd	153·0	29·753	83·1	89·5	11·3	78·2	80·0	0·985	78·8	87	S, SW and variable ...	32	0·04	Cloudy, ⌓ o, g, t, p.
„	3rd	150·9	·739	84·9	90·4	11·9	78·5	80·7	·994	79·1	83	SW and E by S ...	67	Nil	Chiefly cloudy, ⌓.
„	4th	97·0	·740	80·0	83·6	5·3	78·3	77·9	·932	77·1	91	E by S and E ...	84	0·46	Cloudy, ⌓ o, g, t, p, <
„	5th	147·7	·741	80·5	86·8	11·7	75·1	78·1	·936	77·2	90	ESE and variable ...	80	0·14	Cloudy, o, g, d, t, p, ⌓
„	6th	151·4	·692	81·1	86·2	9·4	76·8	78·8	·956	77·9	90	SE and variable ...	64	0·11	Cloudy, ⌓ o, g, d, p.
„	7th	144·1	·688	82·1	86·1	9·9	76·2	79·4	·969	78·3	88	ESE, S and SSE ...	147	0·18	Cloudy, o, g, p, t.
„	8th	150·4	·695	82·7	83·0	9·6	78·4	80·2	1·001	79·2	90	SSE and S ...	128	0·32	Cloudy, t, p, lr.

	Inches.
The mean pressure of the seven days	29·721
The average pressure of the corresponding period for 24 years, S. G. Office ...	29·762
	⊖
The mean temperature of the seven days	82·1
The average temperature of the corresponding period for 24 years, S. G. Office ...	83·2
The extreme variation of temperature during the seven days	15·3
The maximum temperature during the seven days	90·4
	Miles.
The highest velocity of the wind in one hour during the seven days	13
	lb.
The highest pressure of the wind on one square foot during the seven days ...	4·5
	%
The mean relative humidity during the seven days	88
The average relative humidity of the corresponding period for 24 years, S. G. Office ...	82
	Inches.
The total fall of rain from 2nd to 8th October 1881	1·25
The average fall of the corresponding period for 24 years, S. G. Office	1·78
The total fall from 1st January to 8th October 1881	68·97
The average fall of the corresponding period for 24 years, S. G. Office	60·75

The mean pressure, temperature, &c., are deduced from the traces of the barograph and thermograph.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended f[illegible] feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The direction of the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

⌓ dew, *o* overcast, *g* gloomy, *t* thunder, *p* passing temporary showers, < lightning, *d* drizzling rain, *lr* lightning reflection.

JOHN ELIOT,
for Meteorological Reporter to the Government of India.

METEOROLOGICAL OFFICE, INDIA,
The 10th October 1881.

Abstract of the results of Meteorological Observations taken at the Alipore Observatory in the month of September 1881.

	Inches.	Date.	Hour.
The mean pressure of the month	29·693		
The average pressure of 24 years	29·682		
The highest pressure during the month	29·874	30th	10h.
The lowest pressure during the month	29·496	19th	16h.
The range of pressure during the month	0·378		
	°		
The mean temperature during the month	82·9		
The average temperature of 24 years	83·3		
The highest temperature during the month	92·2	11th	
The lowest temperature during the month	74·5	17th	
The range of temperature during the month	17·7		
The mean daily range of temperature during the month ...	10·0		
The greatest range of temperature in one day during the month	13·1	17th	
	%		
The mean humidity during the month	87		
The average humidity of 24 years	85		
	Inches.		
The mean vapour tension during the month	0·980		
The average vapour tension of 9 years	0·987		
The mean cloud proportion of the month	7·67		
The total rainfall of the month	6·75		
The total rainfall of the month indicated by a Beckley's self-registering rain-gauge (mouth of the gauge 50·5 feet high)	5·78		
The average fall of 48 years	10·18		
The greatest fall in 24 hours	1·64	17th	
	Days.		
The number of rainy days in the month	19		
The average number of rainy days of 24 years	21		
	°		
The mean maximum equilibrium temperature of solar radiation of the month	145·6		
The mean difference of sun and air temperatures ...	57·3		
The greatest sun temperature	162·3	30th	
The greatest excess of sun over air temperature	73·3	30th	
The mean temperature of nocturnal radiation thermometer on woollen cloth	75·8		
The mean depression of nocturnal radiation thermometer below the minimum of air	2·5		
The greatest depression of nocturnal radiation thermometer below the minimum of air	5·4	25th	
	Miles.		
The mean movement of the wind per day	92·7		
The greatest movement of the wind in one day	249·0	12th	
The greatest movement of the wind in one hour	19·0	12th	5 to 6 A.M. and 8 to 9 A.M.

The number of hours under each of the 8 points—

N 21, NE 21, E 50, SE 93, S 112, SW 178, W 77, NW 32, Calm 136.

The results of observations at the Alipore Observatory are not rigorously comparable with the registers of past years (at the Park Street Observatory). The barometer is about 3 feet higher at Alipore, and, other things being equal, reads therefore ·003 lower. The diurnal range of temperature is also greater at Alipore, and the mean temperature apparently about 1·3° lower; and finally, the thermometer, which has furnished the record of temperature at the Surveyor-General's Office during the last 20 years and upwards, is found to read 0·6 higher than the Kew standard thermometer, which is the standard of reference at the present Observatory.

JOHN ELIOT,
for Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA,
The October 1881.

Results of the Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 2nd to 8th October 1881.

Month.	Date.	Temperature. Mean.	Maximum.	Range.	Minimum.	Hygrometry. Vapour tension.	Dew point.	Humidity.	Rain.
1881.		⊖	⊖	⊖	⊖	Inches.	⊖	%	Inches.
October	2nd ...	82·3	89·8	11·0	78·8	·961	78·0	85	0·0
"	3rd ...	84·6	91·8	12·6	79·2	·927	76·9	76	.....
"	4th ...	79·8	90·3	10·5	79·8	·942	77·4	91	0·43
"	5th ...	79·6	88·0	12·2	75·8	·915	76·6	88	0·07
"	6th ...	80·4	86·2	9·2	77·0	·955	77·8	90	0·[illegible]
"	7th ...	81·3	87·8	10·5	77·3	·948	77·6	87	0·[illegible]
"	8th ...	83·2	89·8	10·7	79·1	·979	78·6	84	0·1[illegible]

		⊖
The mean temperature of the seven days ...	... ...	81·6
The extreme variation of temperature during the seven days ...	...	16·0
The maximum temperature during the seven days ...	... ...	91·8
		%
The mean relative humidity during the seven days	... ...	86
		Inches.
The total fall of rain from 2nd to 8th October 1881	... ...	1·40

METEOROLOGICAL OFFICE, INDIA,
The 10th October 1881.

JOHN ELIOT,
for Meteorological Reporter to the Govt. of India.

Weekly Return of Traffic Receipts on Indian Railways.

BENGAL PROVINCIAL RAILWAYS.

Weekly Statement of Traffic Receipts. No. 33.

Latest return received.	Name of Railway.	Length open.	Receipts for week ending 28th Aug. 1880.	Receipts for week ending 27th Aug. 1881.	Total receipts from 1st January To 28th Aug. 1880.	Total receipts from 1st January To 27th Aug. 1881.	Total increase in 1881.	Total decrease in 1881.	Percentage of increase or decrease.
1881.		Miles.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
3rd September ...	Northern Bengal	230	24,311 0 0	34,497 0 0	9,70,149 0 0*	10,59,247 0 0†	89,098 0 0	.....	+9
27th August ...	Tirhoot ...	82	8,157 0 0	9,036 0 0	3,58,110 0 0	3,82,420 0 0	24,310 0 0	.....	+7
27th do. ...	Patna-Gya ...	57	4,941 0 0	5,330 0 0	2,79,006 0 0	3,01,930 0 0	22,924 0 0	.....	+8
17th September ...	Calcutta and South-Eastern.	28	6,375 0 0	2,952 0 0	96,270 0 0	1,03,945 0 0	7,675 0 0	.....	+8
27th August ...	Nalhati ...	27¼	1,068 0 0	1,036 0 0	49,754 0 0	43,500 0 0	.....	6,254 0 0	−13
	Total ...	424¼	44,852 0 0	52,851 0 0	17,53,289 0 0	18,91,042 0 0	1,37,753 0 0	.....	+8

* Includes the supplementary figures for the half-year ended 30th June 1880.
† Ditto ditto ditto 30th June 1881.

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SUPPLEMENT TO

The Calcutta Gazette.

WEDNESDAY, OCTOBER 19, 1881.

OFFICIAL PAPERS.

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Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different Districts of Bengal, as reported to Government during the week ending the 15th October 1881.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.			
	Western Districts.		
BURDWAN DIVS. 1	Burdwan, Oct. 15 '81	3·19	Weather—clearer. Cool in mornings. Prospects of paddy crop generally good. Rice selling very cheap; from 20½ to 30 seers per rupee. Fever everywhere, and particularly bad in the town.
	Culna ...	2·06	
	Cutwa ...	2·94	
	Raneegunge ...	0·87	
2	Bankoora, „ 15 „	1·05	Weather—warm, but mornings beginning to be cool. Sky clear during latter part of week. *Amun* paddy doing well, and its ears beginning to appear. Harvesting of *aus* still going on in some places. *Nuan* and *kelawh* paddy ripening, and latter being reaped in Sonamukhi and Kotalpore. Sugarcane, *arhar kalai*, *krista til*, and *surgunja* growing. *Kherua* cotton and *biri kalai* harvested in some places, and in others reaping going on. *Buria* cotton being sown in Saltora. Fever reported, from most parts of Bishenpore sub-division.
	Bishenpore ...	1·05	
	Khatra ...	0·62	
3	Beerbhoom, „ 15 „	1·87	Prospects of crops very good. Rain during week has been beneficial. Throughout greater part of district fever prevails.
4	Midnapore, „ 15 „	0·75	One heavy shower in first part of week. Recent timely showers have assured prospects of rice harvest, which are good in nearly all parts of district. Prices low. Fever very prevalent.
	Contai ...	2·28	
	Tumlook ...	1·70	
	Ghattal ...	1·75	
5	Hooghly, „ 15 „	1·64	Weather—hot and dry with north wind. Prospects of *amun* rice good. Cold-weather crops being sown.
	Howrah, „ 17 „	0·47	Weather—slightly rainy, generally sultry. Nights getting cool. Prospects of standing crops continue good. Sugarcane doing fairly. Jute not well. Health generally fair. Some cases of cholera reported.
	Moheshrekha ...	1·75	

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
	BENGAL.—(*continued.*)		
	Central Districts.		
	PRESIDENCY DIVN.		
6	24-Pergunnahs, Oct. 17 '81	0·25	Weather—seasonable, but hot in daytime. Prospects of *amun* rice continue very favourable. Reaping of early rice and jute nearly finished. Public health good.
7	Nuddea, „ 15 „	0·97	Weather—showery and getting cooler. Prospects of *amun*, sugarcane, and chilli crops doing well. *Kalai* and indigo being sown. Fever prevails throughout the district.
	Meherpore ..	2·77	
	Kooshtea ...	0·79	
	Chooadanga ..	1·07	
	Ranaghat ...	0·12	
	Bongong ...	0·70	
8	Jessore, „ 15 „	0·36	Weather—seasonable and close. Prospects of *amun* continue favourable. Land being ploughed for winter crops. Public health fairly good.
	Jhenida ...	1·99	
	Magoora ...	0·26	
	Nerail ...	1·46	
	Khoolna ...	1·12	
	Bagirhat ...	2·33	
9	Moorshedabad, „ 15 „	1·33	Weather—rainy and cloudy during first part of week, but now bright and sunny. State and prospects of crops good. *Amun* paddy thriving well. Fever prevails almost everywhere more or less.
	RAJSHAHYE AND COOCH BEHAR DIVN.		
10	Dinagepore, Oct. 14 '81	3·38	Weather—getting cooler. *Amun* crop promises well. Price of rice 17 to 39 seers per rupee. Fever still prevalent.
11	Rajshahye, „ 15 „	2·88	Weather—rainy till middle of week. State and prospects of crops continue to be favourable. *Kalai* and *mug* still being sown. Price of rice stationary. Public health generally good.
	Nattore ...	2·95	
12	Rungpore, „ 14 „	3·94	Moderate rain throughout the week. So much of the *amun* rice as has been transplanted is doing well.
	Gaibanda ...	2·15	
	Bagdogra ...	3·15	
	Kurigram ..	1·43	
13	Bogra, „ 15 „	3·64	Weather—seasonable. Prospects of all crops now fair, though some damage has been done by floods in a few places. Fever prevalent.
14	Pubna, „ 15 „	0·14	Weather—cool and cloudy with occasional showers. River still falling. All crops promising well, except where *amun* rice suffered from low floods. Some fever reported.
15	Darjeeling, „ 15 „	5·25	Rains continuing later than last year. Morning and daytime fair. Rain commences about 5 P. M. Prospects of crops good.
16	Julpigoree, „ 15 „	5·47	Weather—seasonable. State and prospects of crops generally good. *Haimanti* paddy has now been all transplanted. It is in some parts less in quantity, but is doing well.
	Cooch Behar, „ 14 „	2·74	Weather—generally fair. Late rice now doing well, but a good outturn is not expected. Tobacco seedlings being planted out. Rice selling at Rs. 2-6 per maund. Public health good.
	Dinhatta ...	0·87	
	Mekligunge ...	3·56	
	Mathabhanga ..	1·59	
	Eastern Districts.		
	DACCA DIVN.		
17	Dacca, Oct. 15 '81	1·9	Weather—hot, and fine in latter part of week. Cutting of jute nearly over; yield large. Late rice promises very well. Public health generally good.
	Manickgunge (for week ending 12th Oct.).	2·18	
	Moonshigunge (for week ending 12th Oct.).	1·22	
18	Furreedpore, „ 15 „	1·75	Weather—hot, with occasional rain. Prospects of *amun* continue good. Public health good.
	Goalundo ...	2·32	
	Madaripore ...	0·53	
19	Backergunge, „ 13 „	1·05	Weather—fine with passing showers. In south and west of district more rain has fallen. *Amun* looks strong and well, and with a bright sun will come on rapidly. Fever prevalent.
20	Mymensingh, „ 14 „	2·62	Weather—seasonable. Very hot sometimes. Prospects of crops as good as could be desired.
	CHITTAGONG DIVN.		
21	Chittagong, Oct. 18 '81	0·59	Weather—cloudy and close. Good rain has fallen in some places. General rain wanted. Small-pox abating. General health good.
22	Noakholly „ 13 „	2·07	Weather—hot and cloudy. Heavy rain on 10th and 12th. Prospects of crops satisfactory. Cutting of *giring* rice nearly over. *Amun* promises well.
23	Tipperah, „ 14 „	1·10	Weather—seasonable. State and prospects of crops good.
	Brahmunberiah ..	1·85	
	Chandpore ..	0·23	
24	Chittagong Hill Tracts, „ 11 „	3·10	Weather—hot and cloudy with occasional heavy rain. Joom paddy outturn has been a full average one, except in a few places where the crop is late and has not yet been cut. Cotton doing well. Land being ploughed for mustard.
	Hill Tipperah, „ 12 „	2·82	Weather—seasonable. *Amun* and sugarcane doing well. Public health good.
	BEHAR.		
	PATNA DIVN.		
25	Patna, Oct. 15 '81	1·81	Weather—seasonable. Paddy growing splendidly. Sugarcane being cut. *Rahur* and castor-oil plants look well. Cultivators are engaged in preparing fields for sowing *rubbee* crops. A good deal of fever reported.
	Behar ...	5·63	
	Barrh ...	5·10	
	Dinapore ...	5·48	
26	Gya, „ 15 „	2·25	Weather—seasonable. Rain of last week has been most beneficial. Prospects of crops throughout the district good. Fever has been and still is very prevalent.
	Nowada ...	3·12	
	Jehanabad ..	3·72	
27	Shahabad, „ 15 „	1·27	Weather—rainy in beginning and bright sun with western breeze in end of week. Late rain has rendered a good harvest certain.
	Buxar ...	4·24	
	Bhabuah ...	2·12	
	Sasseram ...	4·46	

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BEHAR.—(*Continued.*			
PATNA DIVN.—*contd.*			
28	Durbhunga Oct. 15 '81	1·37	Weather—bright with clouds and occasional showers; rather warm. A good deal of local damage done by floods and excessive rain so late in the season. Rice where not submerged will be good; *rubbee* ought to be very good. There will be a good general harvest with considerable loss to individuals here and there. Prices stationary. Fever reported from many places.
29	Mozufferpore, „ 15 „	0·10	Weather—fair. Rice prospects good. Preparation of lands for *rubbee* sowings continue.
	Hajeepore ...	3·62	
	Seetamurhee ...	3·02	
30	Sarun, „ 15 „	1·64	Weather—fine and cool throughout week. Prospects of crops good. *Hathia* rain has done much good to paddy crop. Fever prevalent all over district.
	Sewan ...	3·38	
31	Chumparun, „ 15 „	0·07	Weather—seasonable; west winds. A good *bhadoi* harvest. Rice prospects improved, though some slight damage by flooding. Fever prevalent.
BHAGULPORE DIVS.			
32	Monghyr, Oct. 15 '81	0·23	Weather—fine and seasonable. Last week's rain did much good to paddy. Prospects good.
	Begooserai ...	5·05	
	Jamui ...	3·16	
33	Bhagulpore, „ 15 „	0·67	Weather—slight rain at commencement of week. Clear in latter part. Heavy rain at end of last week and at commencement of this week has done much good generally, though some damage has been done to *kurthi* crop. Indigo sowings have been delayed.
34	Purneah, „ 15 „	3·33	Sun very powerful. Nights dewy. Late heavy rain and floods dangerous to *aghani*, but promise a good *rubbee*. Fever bad.
	Kissengunge ...	3·80	
	Arrareah ...	8·72	
35	Maldah, „ 15 „	8·36	Unusually heavy rain on the afternoon and night of 8th, since then weather bright and cool. Rains seem to be now over. Late rice and *kalai* thriving. Cold-weather sowings commenced in thana English Bazar. Late heavy rain has done much good to standing crops. Prices of food-grains fallen. Public health fair, though ordinary fever of this season somewhat prevalent in the district.
36	Sonthal Perghs. „ 15 „	1·47	Early cold weather Crops all good.
	Deoghur ...	0·85	
	Godda ...	6·25	
	Rajmehal ...	8·75	
	Jamtara ...	0·65	
	Pakour ...	6·48	
ORISSA.			
ORISSA DIVS.			
37	Cuttack, Oct. 14 '81	1·05	Weather—hot. *Sarad* rice flowering. *Rubbee* crops progressing well. Rice sells from 15 to 30 seers per rupee. Public health good.
38	Pooree, „ 13 „	1·92	Weather—seasonable. State of *sarad* crop good, but *kahalia* disease reported to have attacked the plants in Ramessur in Government estate Khoorda, and in pergunnah Chabiskud. Miscellaneous crops thriving well. Common rice sells at 26 to 39 Calcutta seers per rupee. Cattle-disease still reported.
	Khoorda ...	2·64	
39	Balasore, „ 14 „	2·22	Heavy rain at beginning of week, which seems to have cleared the air, cold weather setting in. Crops growing on admirably, except in low tracts, where loss has been sustained. Cattle-disease here and there.
CHOTA NAGPORE.			
	South-West Frontier Agency.		
40	Hazaribagh, Oct. 14 '81	1·46	Weather—seasonable. Prospects of autumn and winter crops good. Public health generally good.
41	Lohardugga, „ 15 „	0·24	Over 7 inches rain at Palamow on 6th and 7th; at Sudder sky mostly clear, and bright sun with north wind the last three days. Upland rice, *gundli* and *makai* harvested; outturn 8 to 10 annas. *Murwa* being cut; 10 annas expected. Lac produce fair so far. *Don* rice crop promises to be a full one and no more rain is needed now for it. Land being tilled for minor winter crops. Fever still prevalent.
	Palamow ...	7·35	
42	Singbhoom. „ 14 „	0·39	Weather—fine and bright; mornings cool. Crops of *badi* lands being harvested with good outturn. Paddy of *bera* lands promises well. Tusser cultivation reported as having been injured by too heavy rain. General health good.
43	Manbhoom, „ 15 „	0·20	Weather—towards end of week fine, with westerly wind. Decidedly cooler. Slight injury to rice crop from blight apprehended in one or two places. Reports generally favourable. Fever reported from Purulia station.
	Govindpore ...	1·20	

Published for general information.

CALCUTTA, STATISTICAL DEPT.,
The 18th October 1881.

COLMAN MACAULAY,
Offg. Secy. to the Govt. of Bengal.

STATEMENT SHOWING THE STOCKS OF RICE IN AND AROUND CALCUTTA.

Names of Marts.	Stocks in hand as compiled on—												
	1st week of Oct. 1880.	1st week of Nov. 1880.	1st week of Dec. 1880.	1st week of Jan. 1881.	1st week of Feb. 1881.	1st week of Mar. 1881.	1st week of April 1881.	1st week of May 1881.	1st week of June 1881.	1st week of July 1881.	1st week of Aug. 1881.	1st week of Sept. 1881.	2nd week of Oct. 1881.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Baliaghatta	2,99,500	3,06,000	2,36,000	2,56,700	4,13,000	3,92,000	3,90,000	3,98,500	4,15,000	3,78,000	3,19,300	2,83,600	3,10,000
Ooltadanga	58,600	49,500	47,000	54,500	43,500	58,900	71,900	69,700	67,800	69,200	61,200	59,200	47,300
Chitpore, Golabaree, Coomertooly, Hatkhola, and Culpy Ghât.	6,44,500	6,12,000	4,45,700	6,82,500	5,61,700	5,82,800	6,96,000	6,67,300	6,40,700	6,18,700	6,29,800	6,29,400	5,85,400
Pathuriaghatta, Posta, and Jorabagan.	36,600	29,000	21,500	37,000	34,500	40,000	37,500	37,000	35,000	29,500	28,500	24,000	29,000
Tollygunge, Chitlah, Kidderpore, and Moonshigunge.	95,800	90,700	51,200	1,01,100	1,18,200	1,39,100	1,26,300	1,20,500	1,18,400	1,12,300	1,52,000	1,52,900	1,23,900
21 Minor Bazars (estimated) ...	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000
Other retail shops, 3,129 in number (estimated).	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000	2,50,000
Boidyabatty, Nowabgunge, Bhuddressur, and Chandernagore.	1,27,060	1,03,826	1,18,098	1,09,875	77,200	87,677	64,200	50,453	32,119	36,094	86,100	68,400	65,156
Total ...	17,52,060	16,81,026	14,09,498	17,31,675	17,38,100	17,90,477	18,75,900	18,33,453	17,99,019	17,33,794	17,66,900	17,07,500	16,50,756
On Railway premises on both sides of the river.	2,142 (on 2nd Oct. 80.)	1,340 (on 4th Nov. 80.)	1,596 (on 3rd Dec. 80.)	7,568 (on 3rd Jan. 81.)	4,710 (on 2nd Feb. 81.)	1,286 (on 3rd Mar. 81.)	4,612 (on 4th April 81.)	3,342 (on 4th May 81.)	780 (on 3rd June 81.)	1,060 (on 5th July 81.)	.....	1,374 (on 3rd Sept. 81.)	2,858 (on 15th Oct. 81.)
On boats unloaded ... By Port Commissioners' returns.	34,278 (1st to 3rd Oct. 80.)	19,491 (1st to 3rd Nov. 80.)	31,841 (1st to 3rd Dec. 80.)	59,286 (1st to 3rd Jan. 81.)	68,985 (31st Jan. to 2nd Feb. 81.)	53,125 (1st to 3rd Mar. 81.)	49,887 (1st to 3rd April 81.)	20,115 (1st to 3rd May 81.)	19,283 (1st to 3rd June 81.)	22,317 (3rd to 5th July 81.)	48,546 (1st to 3rd Aug. 81.)	37,825 (1st to 3rd Sept. 81).	37,198 (13th to 15th Oct. 81.)
On boats unloaded ... By Canal returns	47,338 (1st to 3rd Oct. 80.)	26,466 (1st to 3rd Nov. 80.)	20,673 (1st to 3rd Dec. 80.)	1,03,384 (1st to 3rd Jan. 81.)	1,68,010 (31st Jan. to 2nd Feb. 81.)	1,37,039 (1st to 3rd Mar. 81.)	62,534 (1st to 3rd April 81.)	59,567 (1st to 3rd May 81.)	52,163 (1st to 3rd June 81.)	49,369 (3rd to 5th July 81.)	53,643 (1st to 3rd Aug. 81.)	60,078 (1st to 3rd Sept. 81.)	49,031 (13th to 15th Octr 81.)
Grand Total of Stocks ...	18,35,818	17,28,323	14,63,608	19,01,913	19,79,805	19,81,927	19,92,933	19,16,477	18,71,245	18,06,530	18,69,089	18,06,777	17,39,843
Probable stocks available for exportation by sea.	7¾ lakhs.	6¾ lakhs.	4 lakhs.	8½ lakhs.	9¼ lakhs.	9¼ lakhs.	9½ lakhs.	8¾ lakhs.	8¼ lakhs.	7½ lakhs.	8 lakhs.	7½ lakhs.	7 lakhs.

STATISTICAL DEPARTMENT,
The 17th October 1881.

COLMAN MACAULAY,
Offg. Secy. to the Govt. of Bengal.

Results of the Meteorological Observations taken at the Alipore Observatory from 9th to 15th October 1881.

Month.	Date.	Maximum in sun.	Mean pressure barometer at 32° Fahr.	Temperature. Mean.	Temperature. Maximum.	Temperature. Range.	Temperature. Minimum.	Hygrometry. Mean wet bulb.	Hygrometry. Vapour tension.	Hygrometry. Dew point.	Hygrometry. Humidity.	Wind. Prevailing direction.	Wind. Miles recorded.	Rain.	Weather.
1881.		⊖	Inches.	⊖	⊖	⊖	⊖	⊖	Inches	⊖	%			Inches	
Oct.	9th	140·7	29·706	82·3	87·7	8·9	78·8	79·4	0·971	78·3	88	S, ESE and variable ...	69	0·23	Cloudy, *p*, *d*, *t*, ⌓.
„	10th	126·0	·742	80·6	85·6	8·8	76·8	78·3	·941	77·4	90	ESE and calm ...	23	0·02	Cloudy, ⌓ *d*, *t*.
„	11th	152·9	·702	80·5	87·2	9·3	77·9	77·8	·922	76·8	89	Calm and variable ...	45	Nil	Cloudy, ⌓ *o*, *g*, *t*.
„	12th	147·7	·670	81·8	87·7	10·5	77·2	77·8	·900	76·0	84	Calm and NNW ...	41	„	Partially cloudy ⌓.
„	13th	148·7	·737	81·6	88·5	13·2	75·3	77·1	·873	78·4	82	ESE, N and calm ...	51	„	Chiefly cloudy, ⌓.
„	14th	143·6	·787	81·4	88·7	13·2	75·5	76·6	·851	77·7	80	Calm and variable ...	21	„	Chiefly clear, ═ ⌓.
„	15th	144·7	·798	80·7	88·9	13·3	75·6	76·5	·860	74·7	83	Calm and variable ...	40	„	Partially cloudy, ═ ⌓.

		Inches.
The mean pressure of the seven days	...	29·735
The average pressure of the corresponding period for 24 years, S. G. Office	...	29·827
		⊖
The mean temperature of the seven days	...	81·3
The average temperature of the corresponding period for 24 years, S. G. Office	...	82·5
The extreme variation of temperature during the seven days ...	...	13·6
The maximum temperature during the seven days	...	88·9
		Miles.
The highest velocity of the wind in one hour during the seven days ...	...	8
		℔.
The highest pressure of the wind on one square foot during the seven days	...	2·5
		%
The mean relative humidity during the seven days	...	85
The average relative humidity of the corresponding period for 24 years, S. G. Office	...	80
		Inches.
The total fall of rain from 9th to 15th October 1881	...	0·25
The average fall of the corresponding period for 24 years, S. G. Office ...	...	1·12
The total fall from 1st January to 15th October 1881	...	69·22
The average fall of the corresponding period for 24 years, S. G. Office ...	...	61·87

The mean pressure, temperature, &c., are deduced from the traces of the barograph and thermograph, and from observations made at 6h, 10h, 16h, and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The direction of the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

p passing temporary showers, *d* drizzling rain, *t* thunder, ⌓ dew, *o* overcast, *g* gloomy, ═ fog.

JOHN ELIOT,
for Meteorological Reporter to the Government of India

METEOROLOGICAL OFFICE, INDIA,
The 17th October 1881.